



山东隆华新材料股份有限公司
SHANDONG LONGHUA NEW MATERIAL CO.,LTD.

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公司网站 WEBSITE

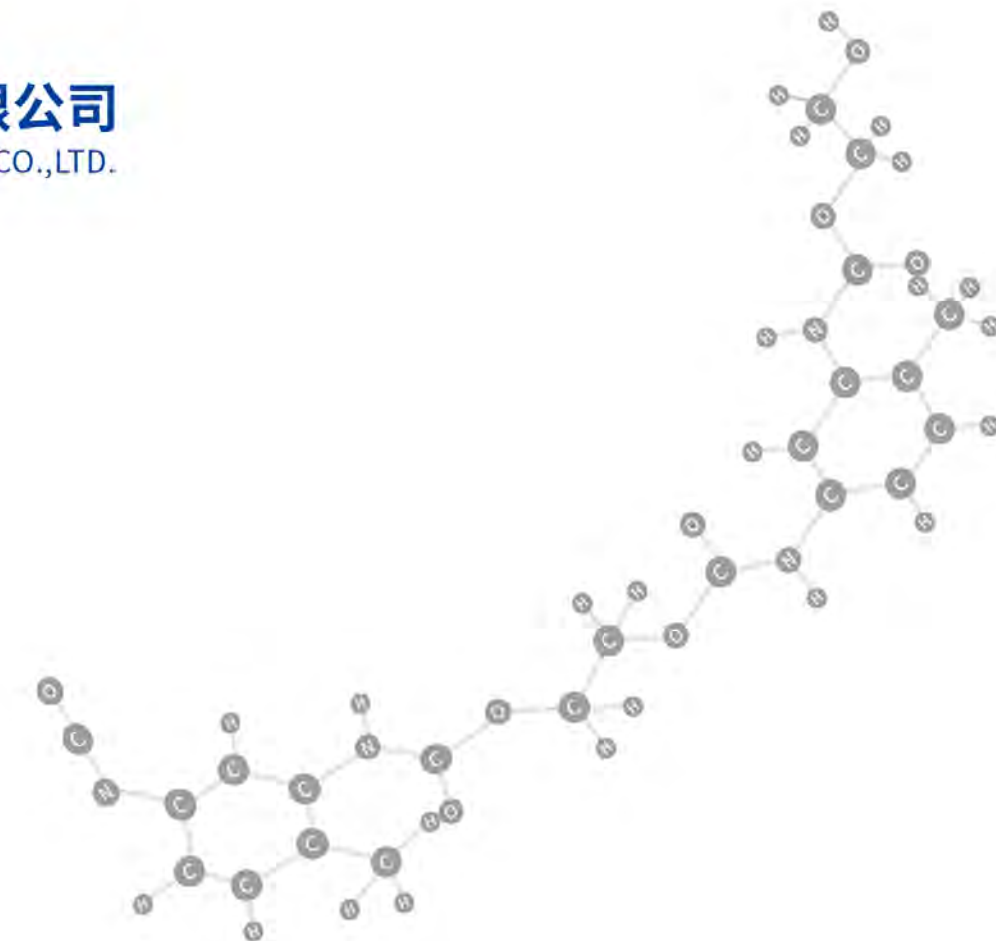


微信公众号 Company WeChat

构建可持续的绿色未来
CREATING A SUSTAINABLE AND GREEN FUTURE

山东隆华新材料股份有限公司
SHANDONG LONGHUA NEW MATERIAL CO.,LTD.

股票代码 301149
www.longhuapu.com.cn



PROFESSIONAL R&D MANUFACTURER OF POLYETHER POLYOL AND AMINE-TERMINATED POLYETHER

专业的聚醚多元醇和端氨基聚醚研发制造商

www.longhuapu.com.cn

LONGHUA OVERVIEW

隆华新材 概述

山东隆华新材料股份有限公司(股票代码301149),是一家迅速崛起的化工新材料领域的佼佼者,专注于高性能、环保型新材料的研发、生产与销售。公司凭借深厚的行业积淀与持续的技术创新能力,围绕聚醚多元醇、聚合物多元醇、端氨基聚醚产品系列,为客户提供高品质、差异化的产品及定制化解决方案。产品广泛应用于家居、鞋材、涂料、密封胶、胶粘剂、体育铺装、新能源汽车材料等多个关键领域。

我们始终坚持以科技为第一生产力,积极深化数字化、智能化和自动化革新。隆华新材及其子公司隆华高材,致力于建设绿色、低碳、高效的智慧工厂,推动产业链发展和产品多元化延深。积极围绕聚醚多元醇和尼龙树脂两条主线,优化产业结构加快形成新质生产力。33万吨聚醚多元醇新增产能预计2026年6月投产,届时聚醚多元醇产能将达130万吨,同时端氨基聚醚一期装置4万吨/年进行技改后将达10万吨/年产能,尼龙树脂一期产能4万吨/年已顺利投产,二期产能8万吨/年正在建设中,将进一步巩固我们在国内外行业的领先地位,也为企业带来了新的增长点。

目前我们产品凭借优质的产品品质和卓越的服务已出口到美国、德国、韩国等六十多个国家和地区,在国内外市场赢得了良好的口碑。

隆华始终秉承“构建可持续的绿色未来”的发展理念,坚持创新引领未来,材料改变生活,加快产业智能化转型,提升核心竞争力,为全球新材料行业的繁荣和绿色低碳可持续发展的未来做出重要贡献,与全人类共享机遇、共享发展、共创可持续发展的绿色未来,促进人与自然和谐共生。

Shandong Longhua New Material Co., Ltd. (stock code 301149) is a rapidly rising pioneer in the field of chemical new materials, specializing in the research & development, production, and sales of high-performance and environmentally friendly new materials. Relying on its profound industry expertise and ongoing technological innovation, focusing on its series of products including polyether polyol, polymer polyol, and amine-terminated polyether, the company offers high-quality, differentiated products and customized solutions. Our products are widely used in many key fields such as furniture, shoe material, coating, sealant, adhesive, sports surfacing, new energy automobile materials and so on.

We adhere to the principle that technology is the primary productive force and are actively advancing digitalization, intelligence, and automation innovation. Longhua New Material and its subsidiary Longhua Polymer Material are committed to build a green, low-carbon and high-efficiency intelligent factory, driving the development of the industry chain and product diversification. Shandong Longhua New Material optimizes industrial structure around the two main lines of polyether polyols and Nylon Resin to accelerate the formation of new production capabilities. It is expected that the new production capacity of 330,000 tons of polyether will be put into production in June 2026, after completion the capacity of polyether polyol will reach 1.3 million tons per year. Meanwhile, the first-phase Amine-terminated polyether with an annual production capacity of 40,000 tons will reach 100,000 tons after technical upgrades. The first-phase nylon resin production capacity of 40,000 tons per year has been successfully put into production and the second phase of 80,000 tons per year is under construction. These advancements will further solidify our leading position both domestically and internationally, providing new growth opportunities for the company.

At present, our products have been exported to more than 60 countries and regions including the United States, Germany, and South Korea, relying on high-quality products and excellent services, and have won a good reputation in domestic and foreign markets.

Longhua always adheres to the development philosophy of "creating a sustainable and green future", persists in innovation to lead the future, transforms lives through materials, accelerates the intelligent transformation of the industry, and enhances our core competitiveness, and contributes to the prosperity of the global new materials industry and green, low-carbon and sustainable development, so as to make important contributions to the future, share opportunities and development with all mankind, create a green future of sustainable development, and promote the harmonious coexistence between human and nature.

聚醚厂区 Plant area of polyether polyol > 尼龙树脂厂区 Plant area of Nylon Resin > 端氨基聚醚厂区 Plant area of amine-terminated polyether

合作伙伴 PARTNERS



为什么选择隆华？

1. 技术创新驱动 树立智能化标杆

公司以科技为核心，深度融合信息技术与制造技术，打造“5G+工业互联网+智能制造装备”综合优势，推进智能化数字工厂建设，提升品质并赋予产品低粘度、低单体残留、低气味、低VOC等优异性能。通过持续研发创新，稳居行业技术标杆地位。

2. 产能规模领先 产业链多元布局

公司拥有百万吨级聚醚产能（扩产后将达130万吨），规模行业前列。积极延伸产业链，推进产品多元化，聚合物多元醇市场占有率领先，聚醚胺产能4万吨（将扩至10万吨）。完善的产品矩阵强化了市场竞争力与抗风险能力。

3. 智能仓储加持 保障高效交付

公司建有国内聚醚行业领先的智慧仓储基地，成品储存能力6.3万吨，原料储存能力1.5万吨，配备先进自动化立体库（桶装货储存能力4000吨）。依托智能化仓储管理系统，实现高效物流，为国内外客户提供充足、及时、稳定的供货保障。

WHY CHOOSE LONGHUA

1. Driving Technological Innovation, Building an Intelligent Benchmark

Our company takes technology as our core, deeply integrates information technology with manufacturing technology, builds a comprehensive advantage of "5G + Industrial Internet + Intelligent Manufacturing Equipment", promotes the construction of intelligent digital factories, and enhances product quality while providing them with excellent properties such as low viscosity, low monomer residue, low odor, and low VOC. Through continuous R&D and innovation, our company maintains its position as a technological benchmark in the industry.

2. Leading Capacity, Diversified Industrial Chain Layout

Our company polyether polyols production capacity has been reached million-ton level (which will be expanded to 1.3 million tons per year after expansion), ranking among the top in the industry. It actively extends the industrial chain and promotes product diversification. Our company boasts a leading market share in polymer polyols and polyether amine production capacity has been reached 40,000 tons (which will be expanded to 100,000 tons per year). This comprehensive product portfolio strengthens its market competitiveness and risk resistance.

3. Intelligent Warehousing and Efficient Delivery

The company boasts the leading intelligent warehousing base in the domestic polyether industry, with a storage capacity of 63,000 tons for finished products and 15,000 tons for raw materials. It is equipped with advanced automated three-dimensional warehouse (with a storage capacity of 4,000 tons for drum and IBC package). Relying on an intelligent warehouse management system, it achieves efficient logistics and provides domestic and foreign customers with sufficient, timely and stable supply guarantees.

以更**洁净**的行迹

让绿意浸染**生活**

DEVELOPMENT HISTORY

发展历程

2012 发展年 DEVELOPMENT YEAR 2012

6月19日首批合格产品下线
The first batch of qualified products were put into production on June 19th.

2011 起步年 START-UP YEAR 2011

3月28日公司成立
The company was established on March 28th.

2016 新征程年 NEW JOURNEY YEAR 2016

公司在全国中小企业股份转让系统挂牌交易
The Company is listed on the National Equities Exchange and Quotations.

公司被认定为高新技术企业
The company was recognized as a high-tech enterprise.

2015 改革升级年 REFORM AND UPGRAD YEAR 2015

首套POP装置动工建设,2014年投产
The first POP device was completed and put into operation in 2014.

第二套POP装置动工建设,2016年投产
The second POP device was completed and put into operation in 2016.

进行股份制改革,变更名称为山东隆华新材料股份有限公司
Shareholding system was reformed and the company name was changed to Shandong Longhua New Material Co.,Ltd.

2019 跨越年 LEAP YEAR 2019

山东省人民政府认定我公司为化工重点监控点企业;
It was recognized as a key chemical monitoring point enterprise by the People's Government of Shandong Province.

山东省工业和信息化厅授予我公司山东省制造业单项冠军称号
It was awarded as Shandong Province Manufacturing Industry Individual Champion by the Industry and Information Technology Department of Shandong Province.

2017 腾飞年 TAKE OFF YEAR 2017

第三套高端聚醚生产线投产,产能达到20万吨/年
As the third set of high-performance polyether equipment was completed and put into production, the annual production capacity was up to 200,000 tons.

2021 提质增效年 QUALITY IMPROVEMENT AND EFFICIENCY YEAR 2021

董事长韩志刚荣获2020年度影响淄博十大年度创新人物奖
Chairman of the Board Zhigang Han won the 2020 Top Ten Innovative Figures Award of Zibo City

荣获山东省五一劳动奖状
Awarded as Labor Medal of Shandong Province.

第四套高端聚醚装置试车一次成功,产能达到36万吨/年
As the fourth set of high-end polyether equipment was completed and put into production, the annual production capacity was up to 360,000 tons.

2021年11月10日深交所创业板股票首发上市
股票简称:隆华新材,股票代码:301149
2021.11.10 Shenzhen Stock Exchange GEM stock debuted,stock code:301149.

2020 提升年 UPGRADING YEAR 2020

隆华聚醚多元醇荣获山东知名品牌
2020:Awarded as Shandong renowned brand.

深交所创业板IPO首发过会
It was audited and approved on the GEM of Shenzhen Stock Exchange for IPO.

荣获山东省瞪羚企业
Awarded as Shandong Province Gazelle Enterprise.

2023 突破年 BREAKTHROUGH YEAR 2023

产31万吨聚醚改扩建项目开工建设
The construction of the 310,000 tons polyether equipment renovation and expansion project started.

营业收入突破50亿元
The business revenue was over 5 billion yuan.

2022 多元发展年 DIVERSIFICATION YEAR 2022

第五套高性能聚醚装置建成投产,产能达到72万吨/年
As the fifth set of high-performance polyether equipment was completed and put into production, the annual production capacity was up to 720,000 tons.

2025 年 2025 YEAR

各系列特种尼龙树脂投产
Various series of special nylon resins have been put into production.

端氨基聚醚一期装置4万吨/年进行技改后产能将达10万吨/年
The first-phase Amine-terminated polyether with an annual production capacity of 40,000 tons will reach 100,000 tons after technical upgrades.

33万吨聚醚多元醇新增产能扩建后产能将达130万吨/年
330,000 tons polyether polyol new expansion project under construction, the production capacity of polyether polyol will reach 1.3 million tons per year after completion.

2024 开拓进取年 FORGE AHEAD YEAR 2024

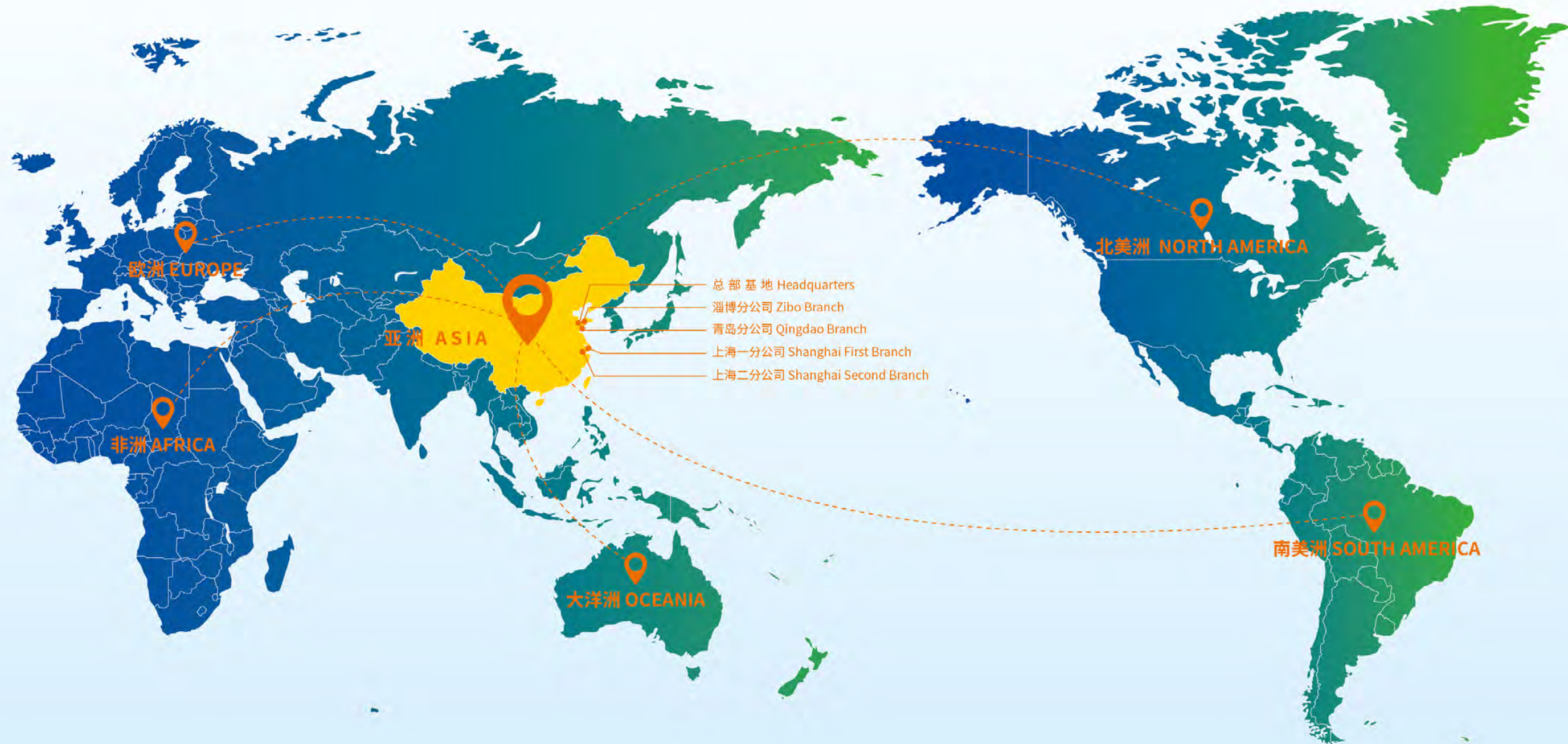
端氨基聚醚项目建成投产
Amine-terminated polyether project was completed and put into production.

年产31万吨聚醚改扩建项目建成投产,聚醚类产能已达到百万吨级
310,000-ton polyether expansion project has been completed and put into production, total polyether production capacity has been reached million-tonne.

PA66一期项目建成投产
The first phase of the PA66 project will be put into operation

隆华新材积极开拓海外市场, 产品销往全球60多个国家和地区

Longhua New Material actively explore overseas markets, products are sold to more than 60 countries and regions around the world



GLOBAL SALES NETWORK 全球销售网络

隆华始终秉持“开放、创新、责任”的品牌理念, 构建了覆盖全球的高效营销与服务网络体系, 形成了完善的供应链与物流网络。目前, 公司在国内设立五大销售办事处, 并在国内外核心市场布局代理仓储体系。业务范围辐射全球60余个国家, 为全球客户提供快速响应与本地化支持, 持续强化全球市场竞争力。

Longhua has consistently upheld the philosophy of "Openness, Innovation, and Responsibility," building a highly efficient global marketing and service network and establishing a comprehensive supply chain and logistics network. At present, the company has established five sales branches in China and has laid out distributors and warehousing system in both domestic and international core markets. The business scope covers more than 60 countries. Longhua provides rapid response and localized support to global customers, continuously strengthening its global competitiveness.

FURNITURE FOAM

家私类海绵

产品应用范围 PRODUCT APPLICATION SCOPE:

普通床垫海绵、沙发海绵、块状海绵
高回弹床垫海绵、高回弹沙发海绵、高回弹块状海绵
Mattress Foam,Sofa Foam,Slab Foam
High Resilience Mattress Foam,High Resilience Sofa Foam,High Resilience Slab Foam



聚醚多元醇产品 POLYETHER POLYOL

产品特性及优势 PRODUCT FEATURES AND ADVANTAGES:
该产品其反应活性适宜，产品应用宽容度高。在发泡的前中期海绵起发速率适中，后期起发有力，能满足绝大多数环境下的不同密度海绵发泡需求。
The product has suitable reactivity and high product application tolerance. In the early and middle stages of foaming, the foaming rate is moderate, and the latter is strong, which can meet the foaming needs of different density sponges in most environments.

牌 号 Item Code	羟 值 Hydroxyl Value mgKOH/g	水份% Moisture%	粘度 Viscosity mPa.s/25℃	酸值 Acid value mgKOH/g	PH值 PH Value	色度 Colority APHA	官能度 Functionality	分子量 Molecular weight
LEP-5631D	54.0-58.0	≤0.05	400-650	≤0.05	5.5-7.5	≤15	3	3000
LEP-5631FB	54.0-58.0	≤0.05	400-650	≤0.05	5.5-7.5	≤15	3	3000
LMN-3050D	54.0-58.0	≤0.05	400-650	≤0.05	5.5-7.5	≤15	3	3000
LMN-3050FB	54.0-58.0	≤0.05	400-650	≤0.05	5.5-7.5	≤15	3	3000
LE-335D	46.0-50.0	≤0.05	550-800	≤0.05	5.5-7.5	≤15	3	3500
LSR-2000	230-250	≤0.05	200-350	≤0.05	5.0-7.0	≤15	3	700
LHE-3602	33-37	≤0.05	900-1400	≤0.08	5.5-7.5	≤100	3	4800



聚合物多元醇产品 POLYMER POLYOL

该类产品的可操作性强，海绵配方变动几率低，利于大批量的海绵发泡生产作业；粘度低且加水搅拌后不变粘稠，利于物料充分混合均匀，对海绵泡孔均匀整齐及海绵上下密度梯度的降低起到积极有利的支持；产品色度纯白、VOC极低，满足高端家私市场要求。

This type of product has strong operability. Possibility of changing the sponge formula is low by using the product, which is conducive to large-scale sponge foam production operations. The product has low viscosity and does not become viscous after adding water and stirring, which is conducive to full and uniform mixing of materials, actively supporting the uniformity and tidiness of sponge cells and the reduction of the density gradient between the upper and lower sides of the sponge. The product has pure white color and extremely low VOC, which meets the requirements of the high-end furniture market.

牌 号 Item Code	羟 值 Hydroxyl Value mgKOH/g	水份% Moisture%	粘度 Viscosity mPa.s/25°C	固含量% Solid Content %	苯乙烯 Styrene mg/Kg	丙烯腈 Acrylonitrile mg/Kg	外观 Appearance
LHS-200	26.0-30.0	≤0.08	4500-6500	48.0-52.0	≤10	≤5	乳白色粘稠状液体 White Milky Liquid
LHS-100	28.0-32.0	≤0.08	3000-4000	43.0-47.0	≤10	≤5	
LPOP-2025	35.0-39.0	≤0.08	1100-1800	24.0-27.0	/	/	
LPOP-2018	42.0-46.0	≤0.08	900-1400	17.0-19.0	/	/	
LPOP-2015	45.0-49.0	≤0.05	800-1500	14.0-16.0	/	/	
LPOP-2013	39.0-43.0	≤0.08	900-1300	12.0-15.0	/	/	
LPOP-2010	42.0-46.0	≤0.08	≤1000	8.0-12.0	/	/	

高活性聚醚多元醇 HIGH-ACTIVE POLYETHER POLYOL

产品特性及优势 PRODUCT FEATURES AND ADVANTAGES:

该产品具有较高的反应活性，兼具用鼻子闻不到气味的产品特性，产品应用宽容度高。在发泡的前中期海绵起发速率适中，后期凝胶速率快，能满足绝大多数环境下的不同密度高回弹海绵发泡需求。

The product has higher reactivity, and has the product characteristics of not being able to smell with nose. Moreover, the product application tolerance is wide. In the early and middle stages of foaming, the foaming rate is moderate, and a fast gel rate in the later stages, which can meet the foaming needs of different densities and high resilience sponges in most environments.

牌 号 Item Code	羟 值 Hydroxyl Value mgKOH/g	水份% Moisture%	粘度 Viscosity mPa.s/25°C	酸值 Acid value mgKOH/g	PH值 PH value	色度 Colority APHA	钠/钾含量 Na/K content mg/Kg	官能度 Functionality	分子量 Molecular weight
LHE-83EK	26.0-30.0	≤0.05	1000-1600	≤0.05	5.0-7.5	≤15	≤3	3	6000
LEP-3600	26.0-30.0	≤0.05	1000-1600	≤0.05	5.0-7.0	≤15	≤3	3	6000
LHE-76EK	32.0-36.0	≤0.05	800-1000	≤0.05	5.5-7.5	≤15	≤3	3	5000
LEP-330N	32.0-36.0	≤0.02	800-1000	≤0.05	5.0-7.0	≤15	≤3	3	5000
ED-28	26.5-29.5	≤0.05	700-1000	≤0.05	5.0-7.0	≤15	≤3	2	4000

高活性聚合物多元醇 HIGH-ACTIVE POLYMER POLYOL

该产品可操作性强，海绵配方变动几率低，利于大批量的海绵发泡生产作业；POP粘度低且加水搅拌后不变粘稠，利于物料充分混合均匀，对海绵气孔的控制起到积极有利的支持；产品色度纯白、VOC极低，满足高端家私市场要求。

The product has strong operability. Possibility of changing the sponge formula is low by using the product, which is good for large-scale sponge foam production operations. It has low viscosity and does not become viscous after adding water and stirring, which is beneficial to the complete mixing of materials and the control of sponge cells. The product has pure white color and extremely low VOC, which meets the requirements of the high-end furniture market.

牌 号 Item Code	羟 值 Hydroxyl Value mgKOH/g	水份% Moisture%	粘度 Viscosity mPa.s/25°C	固含量% Solid Content %	苯乙烯 Styrene mg/Kg	丙烯腈 Acrylonitrile mg/Kg	外观 Appearance
LHH-500L	19.0-23.0	≤0.08	≤6000	38.5-41.5	≤10	≤5	乳白色粘稠状液体 White Milky Liquid
LPOP-36/30	21.0-27.0	≤0.08	≤3500	26.0-30.0	/	/	
LPOP-36/28G	25.0-29.0	≤0.08	≤2600	22.0-26.0	/	/	

FOAM APPLIED IN SHOES

鞋材类海绵

产品应用范围 PRODUCT APPLICATION SCOPE:
大力棉、PU棉、欧索莱
High-density Foam, PU FOAM, Ortholite

高活性聚醚多元醇 HIGHLY ACTIVE POLYETHER POLYOL

产品特性及优势 PRODUCT FEATURES AND ADVANTAGES:
该产品有较高的反应活性，兼具用鼻子闻不到气味的产品特性，产品应用宽容度高。在发泡的前中期海绵发泡速率适中，后期凝胶速率快，能满足绝大多数环境下的不同密度高回弹海绵发泡需求。
The product has higher reactivity, and has the product characteristics of not being able to smell with nose. Moreover, the product application tolerance is wide. In the early and middle stages of foaming, the foaming rate is moderate, and a fast gel rate in the later stages, which can meet the foaming needs of different densities and high resilience sponges in most environments.

牌 号 Item Code	羟 值 Hydroxyl Value mgKOH/g	水份% Moisture%	粘度 Viscosity mPa.s/25℃	酸值 Acid value mgKOH/g	PH值 PH value	色度 Color APHA	钠/钾含量 Na/K content mg/Kg	官能度 Functionality	分子量 Molecular weight
LHE-83EK	26.0-30.0	≤0.05	1000-1600	≤0.05	5.0-7.5	≤15	≤3	3	6000
LEP-3600	26.0-30.0	≤0.05	1000-1600	≤0.05	5.0-7.0	≤15	≤3	3	6000
LHE-76EK	32.0-36.0	≤0.05	800-1000	≤0.05	5.5-7.5	≤15	≤3	3	5000
LEP-330N	32.0-36.0	≤0.02	800-1000	≤0.05	5.0-7.0	≤15	≤3	3	5000
ED-28	26.5-29.5	≤0.05	700-1000	≤0.05	5.0-7.0	≤15	≤3	2	4000

鞋材类聚合物多元醇 POLYMER POLYOL FOR SHOES FOAMING

产品特性及优势 PRODUCT FEATURES AND ADVANTAGES:
该产品稳定，可操作性强，利于大批量的海绵发泡生产作业；粘度低且加水搅拌后不变粘稠，利于物料充分混合均匀；泡棉制品泡孔整齐均一，上下部密度梯度降低，底皮薄；产品色度纯白、VOC极低，满足高端鞋材市场要求。
The product is stable and has strong operability, which is conducive to large-scale sponge foam production operations. The product has low viscosity and does not become viscous after adding water and stirring, which is conducive to the complete mixing of materials. The foam products have tidy and uniform cells, lower density gradients at the top and bottom and thin bottom skin. The product has pure white color and extremely low VOC, which meets the requirements of the high-end shoe materials market.

牌 号 Item Code	羟 值 Hydroxyl Value mgKOH/g	水份% Moisture%	粘度 Viscosity mPa.s/25℃	固含量% Solid Content %	苯乙烯 Styrene mg/Kg	丙烯腈 Acrylonitrile mg/Kg	外观 Appearance
LHS-200	26.0-30.0	≤0.08	4500-6500	48.0-52.0	≤10	≤5	乳白色粘稠状液体 White Milky Liquid
LHH-500L	19.0-23.0	≤0.08	≤6000	38.5-41.5	≤10	≤5	
LPOP-36/30	21.0-27.0	≤0.08	≤3500	26.0-30.0	/	/	
LPOP-36/28G	25.0-29.0	≤0.08	≤2600	22.0-26.0	/	/	



AUTOMOBILE INDUSTRY

汽车工业

产品应用范围 PRODUCT APPLICATION SCOPE:

汽车方向盘仪表盘、汽车座椅
Automotive Steering Wheel & Instrument Panels, Automotive Seat

高活性聚醚多元醇 HIGHLY ACTIVE POLYETHER POLYOL

产品特性及优势 PRODUCT FEATURES AND ADVANTAGES:
该产品有较高的反应活性，兼具用鼻子闻不到气味的产品特性，产品应用宽容度高。在发泡的前中期海绵起发速率适中，后期凝胶速率快，能满足绝大多数环境下的不同密度高回弹海绵发泡需求。
This type of product has higher reactivity and the product characteristics of not being able to smell with nose. Moreover, the product application tolerance is high. In the early and middle stages of foaming, the foaming rate is moderate, and the gel rate is fast in the later stage, which can meet the foaming needs of different densities and high resilience sponges in most environments.

牌 号 Item Code	羟 值 Hydroxyl Value mgKOH/g	水份% Moisture%	粘度 Viscosity mPa.s/25℃	酸值 Acid value mgKOH/g	PH值 PH value	色度 Colority APHA	钠/钾含量 Na/K content mg/Kg	官能度 Functionality	分子量 Molecular weight
LHE-83EK	26.0-30.0	≤0.05	1000-1600	≤0.05	5.5-7.5	≤15	≤3	3	6000
LHE-76EK	32.0-36.0	≤0.05	800-1000	≤0.05	5.5-7.5	≤15	≤3	3	5000
LHE-428	30.5-33.5	≤0.05	1100-1500	≤0.05	5.5-7.5	≤30	≤3	4.5	8000

高活性聚合物多元醇 HIGHLY ACTIVE POLYMER POLYOL

产品特性及优势 PRODUCT FEATURES AND ADVANTAGES:
该类产品指标稳定，可操作性强，利于大批量的海绵发泡生产作业；粘度低且加水搅拌后不变粘稠，利于物料充分混合均匀，对海绵气孔的控制起到积极有利的支持；产品色度纯白、VOC极低。
This type of product has stable indicators and strong operability, which is conducive to large-scale sponge foam production operations. The product has low viscosity and does not become viscous after adding water and stirring, which is conducive to the complete mixing of materials and the control of sponge cells. The product has pure white color and extremely low VOC.

牌 号 Item Code	羟 值 Hydroxyl Value mgKOH/g	水份% Moisture%	粘度 Viscosity mPa.s/25℃	固含量% Solid Content %	苯乙烯 Styrene mg/Kg	丙烯腈 Acrylonitrile mg/Kg	外观 Appearance
LHH-500LV	19.0-23.0	≤0.08	≤6000	38.5-41.5	≤10	≤5	乳白色粘稠状液体 White Milky Liquid
LPOP-36/30	21.0-27.0	≤0.08	≤3500	26.0-30.0	/	/	
LPOP-36/28G	25.0-29.0	≤0.08	≤2600	22.0-26.0	/	/	





构建可持续发展的绿色未来 CREATING A SUSTAINABLE AND GREEN FUTURE

CASE CATEGORY

CASE类应用

产品应用范围 PRODUCT APPLICATION SCOPE:

涂料、胶粘剂、密封剂、弹性体
Coating Adhesives Sealant and Elastomer



CASE用聚醚多元醇 POLYETHER POLYOL APPLIED IN CASE

产品特性及优势 PRODUCT FEATURES AND ADVANTAGES:
该类产品工艺以“节能、高效、高质”为导向，生产设备优选国际与国内一线品牌，配备多套在线检测技术,稳定性强，分子量分布指数低，分子量集中；水分含量低，内控指标<100ppm，可确保到达客户储罐内时的水分含量<200ppm；产品低色值且无粉色的色调，解决行业内普遍存在的DMC聚醚产品存在粉色色调的难题，聚醚做成制成品以后可长期保持不黄变。
The process of these products is oriented to "Energy saving, high efficiency and high quality", and the production equipments are selected from international and domestic first-class brands, equipped with multiple sets of online testing technology. The product has high stability, low molecular weight distribution index and concentrated molecular weight.
The product has low moisture content. The internal control moisture index is lower than 100 ppm. The moisture can be ensured to be lower than 200 ppm when the product is delivered into the customers' storage tanks. The product has low color value and no pink hue, which solves the problem of pink hue in DMC polyether products that are common in the industry. The finished products can remain non-yellowing for a long time by using the product.

牌号 Item Code	羟值 Hydroxyl Value mgKOH/g	水份% Moisture%	粘度 Viscosity mPa.s/25°C	酸值 Acid value mgKOH/g	PH值 PH value	色度 Colority APHA	钠/钾含量 Na/K content mg/Kg	官能度 Functionality	分子量 Molecular weight
LE-204	270-290	≤0.05	/	≤0.05	5.0-7.0	≤15	≤3	2	400
LE-210A	107-117	≤0.02	120-180	≤0.05	5.5-7.5	≤15	/	2	1000
LE-220A	54.0-58.0	≤0.02	270-370	≤0.05	5.5-7.5	≤15	/	2	2000
LHE-3000D	35.0-39.0	≤0.02	500-700	≤0.05	5.5-7.5	≤15	/	2	3000
LHE-4000D	26.5-29.5	≤0.02	700-1000	≤0.05	5.5-7.5	≤15	/	2	4000
LHE-8000D	13.0-15.0	≤0.02	2500-3500	≤0.05	5.0-8.0	≤15	/	2	8000
LHE-12000D	9.0-11.0	≤0.02	6500-8500	≤0.05	5.0-8.0	≤15	/	2	12000
LE-305	300-360	≤0.08	/	≤0.05	5.0-7.0	≤15	≤3	3	500
LSR-2000S	230-250	≤0.05	200-350	≤0.05	5.5-7.5	≤15	≤3	3	700
LE-310	163-173	≤0.05	220-300	≤0.05	5.0-7.0	≤15	≤5	3	1000
LMN-3050A	54.0-58.0	≤0.02	400-650	≤0.05	5.5-7.5	≤15	/	3	3000
LEP-330N	32.0-36.0	≤0.02	800-1000	≤0.05	5.0-7.0	≤15	≤3	3	5000

AMINE-TERMINATED POLYETHER

端氨基聚醚

LHD-123、LHD-143、LHD-1200、LHD-1500

产品应用范围 PRODUCT APPLICATION SCOPE:

主要用于环氧树脂固化剂、风电叶片胶固化剂、建筑结构胶固化剂、环氧地坪固化剂、阴极电泳漆固化剂；快速固化RIM；喷涂聚脲交联剂；聚醚胺类改性固化剂；重防腐涂料固化剂；聚酰胺热熔胶粘剂、电子灌封料固化剂；鱼竿、高尔夫球杆、网球拍复合材料固化剂；表面活性剂、腐蚀抑制剂等。

Application: Curing agent of epoxy resin for wind power blade, building structure, epoxy floor and cathodic electrophoretic paint; Rapid curing RIM; Spraying polyurea crosslinking agent; Modified polyether amine curing agent; Curing agent for heavy anticorrosive coating; Polyamide hot melt adhesive, electronic sealing adhesive curing agent; Epoxy resin for fishing rod, golf club, tennis racket composite material; Surfactants and corrosion inhibitors, etc.

端氨基聚醚 AMINE-TERMINATED POLYETHER

产品特性及优势 PRODUCT FEATURES AND ADVANTAGES:
其特点低粘度、低色度、低蒸汽压；改进柔韧性、提高剥离强度。
Low viscosity, low chroma and low vapor pressure; Improved flexibility and increased peel strength.

牌 号 Item Code	分子量 Molecular weight	官能度 Functionality	总胺值 Total amine meq/g	总胺值 Total amine mgKOH/g	伯胺率 Primary amine %	色度 Colority APHA	水份% Moisture%	外观 Appearance
LHD-123	230	2	8.1-8.7	454-488	≥97	≤25	≤0.25	无色至淡黄色透明液体 Colorless to light yellow liquid
LHD-143	440	3	6.1-6.6	342-370	≥90	≤50	≤0.25	
LHD-1200	2000	2	0.98-1.05	55-59	≥97	≤25	≤0.25	
LHD-1500	5000	3	0.50-0.57	28-32	≥97	≤50	≤0.25	

物性数据 PHYSICAL PROPERTIES

牌 号 Item Code	密度 Density g/ml (lb/gal), 25°C	粘度 viscosity mPa.s/25°C	闪点 Flash point PMCC °C (°F)	PH值 PH value	CAS. NO.	产品包装 Products packaged	
LHD-123	0.943(7.90)	9.5	121(249.8)	11.7	9046-10-0	铁桶净重：195 公斤 吨桶净重：942 公斤	Drum 195 kgs net wt. IBC 942 kgs net wt.
LHD-143	0.978(8.12)	72	196(384.8)	11.6	39423-51-3	铁桶净重：200 公斤 吨桶净重：1000 公斤	Drum 200 kgs net wt.
LHD-1200	0.991(8.26)	9.5	121(249.8)	11.7	9046-10-0		IBC 1000 kgs net wt.
LHD-1500	0.997(8.31)	819	213(415.4)	11.2	64852-22-8		

