

道恩集团产品手册

2020 版 v1.0

科技引领 为客户创造价值



道恩集团有限公司

道恩集团始建于 1991 年，现已形成化塑云商、高分子新材料、钛白粉、商贸物流、煤炭工贸、金融服务、其他产业等主辅产业协同发展的格局。2017 年 1 月，道恩股份（股票代码：002838）在深圳证券交易所成功挂牌上市，开启了实体经济与资本市场互促发展的新征程。

道恩集团相继建设了国家认定的高新技术企业 7 家，拥有省级以上科研创新平台 12 个、国家技术发明二等奖 1 项、国家重点新产品 5 种、专利 100 余项，承担国家和省部级科技计划 28 项，获得“中国优秀民营科技企业”、“山东省制造业百家高端品牌培育企业”等荣誉称号 100 余项，多次入围中国民营企业 500 强。

Dawn Group

Dawn Group was founded in 1991, and now has formed the pattern of coordinated development in main and auxiliary industries, including Chem-plastic internet Platform, Polymer Materials, Titanium Dioxide, Logistic & Trade, Coal Industry & Trade, Financial Services, and others. In January 2017, Dawn Polymer (stock code: 002838) has been listed in Shenzhen Stock successfully, embarking on a new journey of mutual promoting development between the real economy and capital markets.

Dawn Group has successively established 5 national high-tech enterprises, owned 12 platforms for scientific research and innovation beyond the provincial level, obtained 1 Second Class Prize of The State Technological Invention Award, created 5 national key new products, been approved more than 100 patents and undertook 28 national, provincial and ministerial science & technology projects. It has been awarded more than 100 honorary titles such as “China's Outstanding Private Science and Technology Enterprise” and “Shandong Province's Top 100 Manufacturing Enterprises Cultivating High-end Brands”. Dawn Group repeatedly listed in China's top 500 private enterprises.

[http: //www.chinadawn.cn](http://www.chinadawn.cn)

产品系列 Product Category

生产类 Production Class

一. 高分子新材料 Polymer Materials

(一) 热塑性弹性体 (Thermoplastic Elastomer)

1.1 TPV

1.2 TPE

1.3 TPU

(二) 改性塑料 (Plastic Compound)

2.1 改性聚烯烃材料 (Polyolefin Compound)

2.1.1 增强 (Reinforcement)

2.1.2 增韧 (Toughness)

2.1.3 阻燃 (Flame Retardancy)

2.1.4 抗菌 (Antibiosis)

2.1.5 免喷涂 (Free-spraying)

2.1.6 高光泽 (High Gloss)

2.1.7 耐热 (Heat Resistance)

2.1.8 耐候 (Aging Resistance)

2.1.9 PVC 改性 (PVC Compound)

2.2 改性苯乙烯类树脂材料 (Styrene Resin Compound Materials)

2.2.1 改性 ABS (ABS Compound)

2.2.2 改性 ASA (ASA Compound)

2.2.3 改性 PS (PS Compound)

2.2.4 改性 AS (AS Compound)

2.3 改性工程塑料 (Engineering Plastic Compound)

- 2.3.1 改性 PA (PA Compound)
- 2.3.2 改性 PC (PC Compound)
- 2.3.3 改性 PBT (PBT Compound)
- 2.3.4 改性 PET (PET Compound)
- 2.3.5 改性 PPO (PPO Compound)
- 2.3.6 改性 PPS (PPS Compound)
- 2.3.7 改性 PMMA (PMMA Compound)
- 2.3.8 改性 POM (POM Compound)
- 2.3.9 改性 POK (POK Compound)

2.4 生物降解材料系列 (Biodegradable material series)

- (三) 熔喷料 (Melt-blown PP)
- (四) 氢化丁腈橡胶 (HNBR)
- (五) 色母粒及功能母粒 (Color Masterbatch and Functional Masterbatch)
- (六) 橡塑模具及制品 (Rubber & Plastic Mould and Products)

二. 钛白粉 TiO_2

- (一) 钛白粉 (TiO_2)
- (二) 硫酸亚铁 (Ferrous Sulfate)
- (三) 聚合硫酸铁 (Polyferric Sulfate)

三. 新型建筑材料 New Construction Material

四. 煤炭加工 Coal Industry

- (一) 煤炭 (Coal)
- (二) 炉渣 (Slag)
- (三) 钛石膏 (Titanium Gypsum)
- (四) 水泥熟料 (Cement Clinker)

产品系列 Product Category

贸易服务类 Trade & Service

一. 化工原料贸易 Chemical Raw Material Trade

- (一) 聚乙烯 (PE)
- (二) 聚丙烯 (PP)
- (三) 聚氯乙烯 (PVC)
- (四) 丙烯腈-丁二烯-苯乙烯共聚物 (ABS)
- (五) 聚苯乙烯 (PS)
- (六) 聚甲醛 (POM)
- (七) 聚碳酸酯 (PC)
- (八) 聚酰胺 (PA)
- (九) 聚甲基丙烯酸甲酯 (PMMA)
- (十) 聚对苯二甲酸乙二醇酯 (PET)
- (十一) 橡胶 (Rubber)
- (十二) 苯酚 (Phenol)

二. 化塑家—化塑产业互联网平台 Industrial Internet Service Platform for Chemical Plastic

- (一) 化塑商城 (Chem-plastic mall)
- (二) 塑料应用技术云服务 (Plastic application technology internet service)
- (三) 集中采购服务 (Centralized procurement services)

（四）工业智能制造服务（Industrial intelligent manufacturing services）

（五）供应链金融服务（Supply chain financial services）

（六）化塑头条（Chem-plastic headline）

三. 智能制造 Intelligent Manufacturing

（一）数据大脑分析平台（MAI）

（二）智能制造管理平台（MES）

（三）物联网数据采集平台（SCADA）

（四）实验室信息管理系统（LIMS）

（五）双体系设备管理系统（EMS）

客户是伙伴，合作创双赢

山东道恩高分子材料股份有限公司

山东道恩高分子材料股份有限公司（简称道恩股份，股票代码：002838）是一家专业从事高性能热塑性弹性体、特种橡胶、改性塑料、功能母粒及色母粒等产品的研发、生产、销售与服务的国家级高新技术企业。在烟台龙口、青岛、北京、上海等地设有研发创新中心和生产基地，产品包括 TPV、TPE、TPU、改性塑料、熔喷料等，广泛应用于汽车、家电、电子电气、轨道交通、航空航天、医疗卫生和建筑工程等领域。

Shandong Dawn Polymer Co., Ltd.

Shandong Dawn Polymer Co., Ltd. (Abbreviated as Dawn Polymer, Stock code: 002838) is a national high-tech enterprise specializing in the field of product development, production, sales and service for high-performance thermoplastic elastomer, special rubber, modified plastic, functional masterbatch, masterbatch, etc. Dawn Polymer has built the development innovation center and the manufacturing base in Longkou (Yantai), Qingdao, Beijing, Shanghai, etc. Product categories include TPV, TPE, TPU, modified plastic, melt-blown and other varieties, which have been widely used in fields of automotive, home appliances, electronic and electrical, rail transportation, aerospace, medical and health care, constructional engineering, etc.

青岛海尔新材料研发有限公司

青岛海尔新材料研发有限公司成立于 2001 年，是国家高新技术企业。产品包括改性聚丙烯、改性苯乙烯类树脂、改性工程塑料等，已建立耐候、增强、高光、阻燃等多个系列塑料改性技术体系，广泛应用于家电、汽车、电子电气、办公设备、新能源、通讯等领域。

Qingdao Haier New Material Development Co., Ltd.

Qingdao Haier New Material Development Co., Ltd., which was founded in 2001, is a national high-tech enterprise. Product categories include modified polypropylene, modified styrene resins, modified engineering plastics, etc. It has set up established a series of plastic modification technology systems, such as weather-proof, reinforcement, high gloss, flame retardance, etc., which have been widely used in the fields of home appliances, automotive, electronics and electrical, office equipment, new energy, communication, etc.

For more details, please scan the QR code:

大韩道恩高分子材料（上海）有限公司

大韩道恩高分子材料（上海）有限公司是道恩股份和大韩油化的合资公司，成立于 2012 年，是国家高新技术企业。产品包括改性聚丙烯、改性苯乙烯、改性工程塑料、熔喷料等，广泛应用于汽车、家电家居、电子电气、轨道交通、医疗卫生和建筑工程等领域。

KPIC Dawn Polymer (Shanghai) Co., Ltd.

KPIC Dawn Polymer (Shanghai) Co., Ltd., which was founded in 2012, is a joint venture company of Dawn Polymer and KPIC. It is a national high-tech enterprise and its product categories include modified polypropylene, modified styrene, modified engineering plastics, melt-blown, etc., which have been widely used in the fields of automotive, home appliances, electronics, rail transportation, medical and health care, construction engineering and so on.

山东道恩特种弹性体材料有限公司

山东道恩特种弹性体材料有限公司是道恩股份全资子公司，成立于 2016 年，致力于氢化丁腈橡胶（HNBR）系列产品的研发、生产、销售及应用服务。分别在北京和烟台龙口建有中试基地及 3000 吨/年 HNBR 生产装置，产品广泛应用于汽车工业、石油钻井、航空航天、机械制造和纺织印刷等领域。

Shandong Dawn Special Elastomer Material Co., Ltd.

Shandong Dawn Special Elastomer Material Co., Ltd., which was founded in 2016, is a wholly-owned subsidiary of Dawn Polymer. It is dedicated to the development, production, sales and application of hydrogenated nitrile butadiene rubber (HNBR) products. The company has established respect midterm trial bases and production equipment for 3000 t per year of HNBR in Beijing and Longkou (Yantai). The products have been widely used in the fields of automotive industry, oil drilling, aerospace, machinery manufacturing, textile & printing and so on.

青岛润兴塑料新材料有限公司

青岛润兴塑料新材料有限公司是道恩股份全资子公司，成立于 1992 年，是一家专业从事色母粒、功能母粒的研发、生产、销售和服务的国家高新技术企业。产品包括家电类色母粒、纤维级色母粒、通用黑白色母粒、生物降解色母粒、填充母粒等，广泛应用于家电、化纤、管材、薄膜、卫材等领域。

Qingdao Rich material Co., Ltd.

Qingdao Rich material Co., Ltd., which was founded in 1992, is a wholly-owned subsidiary of Dawn Polymer. It is a national high-tech enterprise specializing in the development, production, sales and service of color masterbatch and functional masterbatch. Its product categories include color masterbatch for home appliance, color masterbatch for fiber grade, general black and white color masterbatch, biodegradable color masterbatch, filling masterbatch, etc., which have been widely used in the fields of home appliances, chemical fibers, pipes, films, sanitary materials and so on.

龙口道恩模具有限公司

龙口道恩模具有限公司成立于 2003 年，致力于生产高精密注塑模具、橡胶模具及橡胶制品，年产各类精密模具 500 余套，可生产 35-10000g 各类注塑产品，并可根据客户需求提供模具设计、技术支持。产品广泛应用于汽车、医疗器械、办公家电、电子设备、矿山、交通等领域。

Longkou Dawn Mould Co., Ltd.

Longkou Dawn Mould Co., Ltd., which was founded in 2003, was dedicated to the manufacture of high precision injection mould, rubber mould and rubber and plastic products. The annual output of precision moulds are more than 500 sets, which can produce kinds of rubber and plastic products with weight of 35-10000g. In addition, the mould design and technical support can be provided according to the customer demand. The products have been widely used in the fields of automotive, medical equipment, office appliances, electronic equipment, mining, transportation and so on.

山东道恩钛业有限公司

山东道恩钛业有限公司成立于 2007 年，是国内首家采用富钛料为原料生产钛白粉的国家高新技术企业、国家级绿色工厂示范企业。专业从事金红石型钛白粉的研发、生产、销售和应用服务，年产能 14 万吨，产品广泛应用于涂料、油墨、塑料、造纸等领域，远销世界各地。

Shandong Dawn Titanium Industry Co., Ltd.

Shandong Dawn Titanium Industry Co., Ltd., founded in 2007, is a national high-tech enterprise and national green factory demonstration enterprise, which first adopted the titanium rich material to produce titanium dioxide. It is dedicated to the development, production, sales and application services of rutile titanium dioxide, with an annual production capacity of 140,000 tons. The products have been widely used in the fields of coating, ink, plastic, paper-making and so on, which have been sold worldwide

龙口道恩建材有限公司

龙口道恩建材有限公司成立于 2004 年，专业从事新型建筑材料的研发、生产、销售和应用服务。拥有国际先进的砌块砖生产线，年产标准砌块 5 万立方米或路面砖 25 万平方米，广泛应用于路面广场、园林景观、市政工程、水工建设等工程项目。

Longkou Dawn Building Material Co. Ltd.

Longkou Dawn Building Material Co., Ltd., founded in 2004, is an enterprise specializing in the development, production and marketing of new building materials. The company has the international advanced block brick production line, with the capacity of producing 50,000 cubic meters of high-quality standard blocks or 250,000 square meters of high-grade pavement tiles annually, which have been widely used in the projects of ground, landscape, municipal engineering, hydraulic construction and so on.

山东道恩润禾电力燃料有限公司

山东道恩润禾电力燃料有限公司成立于 2009 年，是胶东地区首家通过环评测试的环保型煤炭经营基地，是煤炭运销、加工应用、检测服务等为一体的综合服务商。主要经营煤炭、炉渣、钛石膏等产品，广泛服务于冶炼、火电、化工等行业。

Shandong Dawn Runhe Electric Power Fuel Co., Ltd.

Shandong Dawn Runhe Electric Power Fuel Co., Ltd., founded in 2009, is an environmentally friendly coal trading base which was firstly passed the environmental assessment test in Jiaodong area. In addition, the company is a business integrator with coal transportation and sales, processing and application, testing services, etc.. It is mainly engaged in coal, slag, titanium gypsum and other products, which have been applied in various industries such as the smelting, thermal power, chemical technology and so on.

山东化塑云商科技股份有限公司

山东化塑云商科技股份有限公司成立于 2017 年，公司运用物联网、大数据、商业智能等互联网技术构建了产业互联网服务平台—化塑家，是国内首家以产业协同为核心功能的化塑产业互联网服务平台，聚焦化塑产业链、汇集生态圈伙伴力量、共享道恩近 30 年产业沉淀，致力为产业链伙伴提供互联网选料定制、在线电子交易、在线专家咨询、化塑云技术中心、智能制造、金融服务、数据征信、仓储物流等服务解决方案，打造化塑产业互联网服务生态圈，实现“云集化塑伙伴，相聚共享生态”的全产业链伙伴的生态式协同发展。

Shandong Chem-plastic Internet Platform and Technology Co., Ltd.

Shandong Chem-plastic Internet Platform and Technology Co., Ltd., founded in 2017, created the Internet service

platform -“HuaSuJia”- by integrating the Internet of things, big data, business intelligence and other Internet technologies, which firstly took the industrial collaboration as the core function in China. The platform, focus on the plastic industrial chain, gathering ecosystem partners, sharing the industry precipitation of Dawn Polymer for nearly 30 years, is dedicated to providing service solutions, such as Internet material selection customization, online electronic transaction, online expert consultation, chem-plastic Internet Platform technology center, intelligent manufacturing, financial services, data credit investigation, warehousing and logistics, etc., for industry chain partners. The company is on the way building an Internet service ecosystem of chemical and plastic industry, to realize the “gathered plastic partners, together sharing ecology” of the whole industry chain partners for the coordinated development of ecological type.

道恩化学有限公司

道恩化学有限公司前身道恩集团营销中心成立于 1991 年，是化塑原料供应链整体解决方案的服务商，经营聚乙烯（PE）、聚丙烯（PP）、聚氯乙烯（PVC）、聚苯乙烯（PS）、丙烯腈-丁二烯-苯乙烯共聚物（ABS）及各种工程塑料、橡胶等原料。在国内外设有 30 多个分支机构，2019 年销量 240 多万吨，服务客户 2 万余家。是中石油、中石化、中海油、中煤、中国神华、SIBUR、Reliance 等 50 余家国内外大型石化公司的合作伙伴。

Dawn Chemicals Co., Ltd.

Dawn Chemicals Co., Ltd., founded in 1991 and formerly the marketing center of Dawn Group, is a service provider of the overall solution for the chemical and plastic raw material supply chain. The company is specialized in PE, PP, PVC, PS, ABS, and various engineering plastics & rubber materials. It has more than 30 branches worldwide, servicing more than 20,000 customers and sales of more than 2.4 million tons in 2019. Dawn Chemicals is partners of more than 50 large petrochemical companies at home and abroad, such as CNPC, SINOPEC, CNOOC, China Coal, China Shenhua, SIBUR, Reliance and so on.

烟台国工智能科技有限公司

烟台国工智能科技有限公司由道恩集团、中国航空工业集团共同组建，是一家专业提供智能制造解决方案的高新技术企业，产品包括基于人工智能的数据大脑分析平台（MAI）、智能制造管理平台（MES）、物联网数据采集平台（SCADA）、实验室信息管理系统（LIMS）、双体系设备管理系统（EMS），广泛应用于流程制造业的智能工厂建设。

Yantai Gogetter Intelligent Technology Co., Ltd.

Yantai Gogetter Intelligent Technology Co., Ltd., is jointly established by Dawn Group and Aviation Industry Corporation of China. It is a high-tech enterprise specialized in providing intelligent manufacturing solutions. Its products include data brain analysis platform (MAI), intelligent manufacturing management platforms (MES), Internet of things data acquisition platform (SCADA), laboratory information management system (LIMS), dual system equipment management system (EMS), which have been widely used in the construction of smart factories in process manufacturing.

山东荣畅物流有限公司

龙口市兴隆航运有限公司

道恩智运科技有限公司

山东荣畅物流有限公司是国家 AAA 级现代综合型物流企业；龙口市兴隆航运有限公司自有船舶 2 艘；道恩智运科技有限公司是国家交通运输部认可的网络货运平台，着力打造“互联网平台+司机”的运力模式，为货主提供优质的物流服务。道恩集团物流板块可提供公、铁、水、空及多式联运等门对门运输解决方案，并可开展供应链管理、国内外船舶货运代理、集装箱代理、仓储、国际快递等增值服务。

Shandong Rongchang Logistics Co. Ltd.

Longkou Xinglong Shipping Co. Ltd.

Dawn Zhiyun Technology Co. Ltd.

Shandong Rongchang Logistics Co. Ltd. is a National AAA level modern integrated logistics enterprise; Longkou Xinglong Shipping Co. Ltd. owned two ships; Dawn Zhiyun Technology Co. Ltd. is a network freight platform approved by the ministry of transport. The companies is making efforts to establish a pattern of “Internet platform + driver”, and provide high quality logistics services for shippers. The logistic sector of Dawn Group can provide highway, railway, water& air transportation, multimodal transport and other door - to - door transport solutions. Additionally, the company can carry out supply chain management, domestic and foreign shipping agents, container agents, warehousing, international express and other value-added services.

山东道恩国际贸易有限公司

山东道恩国际贸易有限公司，其前身是道恩集团国际贸易部，成立于 1999 年，是海关高级认证企业。

专业从事热塑性弹性体、氢化丁腈橡胶、改性塑料、塑料原料、色母粒等高分子新材料，钛矿、煤炭等矿产品，钛白粉、硫酸、橡塑模具及制品、机械设备等进出口贸易，与 70 余个国家或地区的知名企业长期合作，是多元化全球供应链服务商。

Shandong Dawn International Trading Co., Ltd.

Shandong Dawn International Trading Co., Ltd., founded in 1999, formerly known as the International Trading Dept. of Dawn Group, is an AEO Enterprise.

It is specialized in import and export business of thermoplastic Elastomer, HNBR, plastic compound, plastic raw materials, color masterbatch and other polymer materials; titanium ore, coal and other mineral materials; TiO₂, sulfuric acid, plastic & rubber molds and injection parts; machinery and equipment, which is a diversified global supply chain provider and has a long-term cooperation with well-known enterprises from more than 70 countries and regions.