

上海海域众隆科技有限公司
SHANGHAI HAIYU XINYUN INTERNATIONAL TRADE CO., LTD

追求卓越 造就未来



新材料·新生活
New materials, new life

 上海海域众隆科技有限公司

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企业简介 >>> ENTERPRISE PROFILE

海域化学自2011年成立以来，一直致力于为客户提供全方位的化学品解决方案。凭借持续优化供应链和不断扩展的产品线，我们已逐渐成长为业界知名的一站式供应商。

我们的主营产品包括新戊二醇、精对苯二甲酸、精间苯二甲酸、己二酸、三羟甲基丙烷、双酚A、聚乙二醇、偏苯三酸酐、SBC、EVA、POE、顺丁橡胶、丁苯橡胶等化工原料。我们以全球化的视野，专业化的操作，致力于为客户提供高质的化工产品与服务。我们的产品广泛应用于塑料、橡胶、涂料、纺织、油墨、胶粘剂等诸多行业。我们的使命是助力科研创新，促进生产效率，成就客户价值。

公司注重可持续发展，紧密围绕客户需求和市场动态制定战略。通过深入的市场分析和调研，我们精准把握市场趋势，为客户提供个性化的定制产品和服务。我们整合内外部资源，构建综合服务体系，从原料采购到物流配送的每个环节都精益求精。客户的满意度是我们前进的动力。我们建立完善的售后服务网络，快速响应客户需求，提供专业解决方案，确保客户满意度持续提升。同时，我们与供应商建立紧密合作关系，实施严谨的风险管理策略，确保原料稳定供应和资金高效利用。

HY CHEM has been committed to providing customers with comprehensive chemical solutions since its establishment in 2011. With continuous optimization of the supply chain and expanding product lines, we have gradually grown into a well-known one-stop supplier in the industry.

Our main products include chemical raw materials such as NPG, PTA, PIA, ADIPIC ACID, TMP, BPA, PEG, TMA, SBC, EVA, POE, Butadiene Rubber, Butadiene Styrene rubber, etc. We are committed to providing customers with high-quality chemical products and services with a global perspective and professional operations. Our products are widely used in various industries such as plastics, rubber, coatings, textiles, inks, adhesives, etc. Our mission is to assist in scientific research and innovation, promote production efficiency, and achieve customer value.

The company focuses on sustainable development and formulates strategies closely around customer needs and market dynamics. Through in-depth market analysis and research, we accurately grasp market trends and provide customers with personalized customized products and services. We integrate internal and external resources, build a comprehensive service system, and strive for excellence in every link from raw material procurement to logistics distribution. Customer satisfaction is the driving force behind our progress. We establish a comprehensive after-sales service network, respond quickly to customer needs, provide professional solutions, and ensure continuous improvement in customer satisfaction. At the same time, we establish close cooperation with suppliers, implement rigorous risk management strategies, and ensure stable supply of raw materials and efficient utilization of funds.

企业愿景 >>> CORPORATE VISION



公司愿景

成为全球知名一站式化学品供应商

Company Vision: Becoming a globally renowned one-stop chemical supplier



公司使命

通过创新和出色的产品，为客户提供高质量的化工解决方案

Company Mission: Provide customers with high-quality chemical solutions through innovation and excellent products.



核心价值观

品质至上、客户至上、团队合作、诚信守法、社会责任

Core Value: Quality first, customer first, teamwork, integrity and compliance with the law, and social responsibility.



人才理念

不断引进优秀人才，共同探索更多可能。

Talent philosophy: Continuously introduce outstanding talents and explore more possibilities together.

目前，我们拥有新戊二醇：15000吨/年；精对苯二甲酸：100000吨/年；精间苯二甲酸：10000吨/年；己二酸：10000吨/年；双酚A：10000吨/年；三羟甲基丙烷：6000吨/年；偏苯三酸酐：5000吨/年；SBS：12000吨/年。公司仍在持续扩建与发展中。未来，我们将继续拓展国内外市场，加大市场开拓力度，提高品牌影响力。我们视客户为合作伙伴，与客户建立互信、互利、共赢的关系，共同推动业务发展。我们将秉承可持续发展理念，深化一站式服务模式，不断提升服务品质和效率，携手客户共创美好未来。在这个过程中，我们期待与更多合作伙伴建立稳固的合作关系，共同推动化工行业的繁荣与进步！

Currently, we have an NPG of 15000 tons per year; PTA: 100000 tons/year; PIA: 10000 tons/year; ADIPIC ACID: 10000 tons/year; BPA: 10000 tons/year; TMP: 6000 tons/year; TMA: 5000 tons/year; SBC: 12000 tons/year. The company is still continuing to expand and develop. In the future, we will continue to expand domestic and international markets, increase market expansion efforts, and enhance brand influence. We regard our clients as partners and establish mutual trust, mutual benefit, and win-win relationships with them to jointly promote business development. We will adhere to the concept of sustainable development, deepen the one-stop service model, continuously improve service quality and efficiency, and work together with customers to create a better future. In this process, we look forward to establishing stable cooperative relationships with more partners to jointly promote the prosperity and progress of the chemical industry!

精对苯二甲酸 >>>

PURIFIED TEREPHTHALIC ACID

精对苯二甲酸，也被称为PTA，是一种重要的大宗有机原料。常温下呈现为白色晶体或粉末状精对苯二甲酸在化学工业中有着广泛的应用。它是生产聚酯纤维、聚酯薄膜和聚酯瓶等聚酯产品的主要原料。此外，还可用于生产涂料、树脂、增塑剂和其他化工产品。

Purified terephthalic acid, also known as PTA, is an important bulk organic raw material. Purified terephthalic acid, which appears as white crystals or powder at room temperature, has a wide range of applications in the chemical industry. It is the main raw material for producing polyester products such as polyester fibers, polyester films, and polyester bottles. In addition, it can also be used to produce coatings, resins, plasticizers, and other chemical products.

| 测试项目 Item | 指标 Specification | 恒力 HENGLI | 逸盛 YISHENG |
|---------------------------------------|-------------------|-------------------|-------------------|
| 外观 /Appearance | 白色粉末 White Powder | 白色粉末 White Powder | 白色粉末 White Powder |
| DMF 色度(铂钴色号) /DMF.color | ≤10 | 3.0 | 5.0 |
| 酸值/Acid Value (mg KOH/g) | 675 ± 2 | 675.7 | 675.1 |
| 铁/Iron (mg/kg) | ≤1 | 0.01 | 0.01 |
| 总重金属/Total Significant Metals (mg/kg) | ≤3 | 0.1 | 0.08 |
| 对羧基苯甲醛/4-CBA (mg/kg) | ≤25 | 10 | 12.3 |
| 对甲基苯甲酸 p-Toluic Acid (mg/kg) | ≤150 | 124 | 140 |
| 水分/Moisture (%) | ≤0.2 | 0.09 | 0.1 |
| b 值(黄色度) /b-value | 0.90-1.50 | 0.96 | 0.9 |
| ΔY(黑白度)/Delta-Y | ≤10 | 2 | 2.6 |



Purified isophthalic acid

精间苯二甲酸

间苯二甲酸，又称1,3-苯二甲酸或异酞酸，是一种重要的有机化合物。它呈现为白色结晶性粉末，在常温下性质稳定，但在加热或受到特定化学试剂作用时，可以发生酯化、酰胺化等多种反应。间苯二甲酸主要用于合成各种聚合物和树脂。它可以与多种化合物发生酯化反应，生成具有不同性质的聚合物，如聚酯、聚酰胺和聚酰亚胺等。这些聚合物具有优异的机械性能、耐热性和化学稳定性，被广泛应用于塑料、纤维、涂料和粘合剂等领域。

Purified isophthalic acid, also known as 1,3-benzenedicarboxylic acid or isophthalic acid, is an important organic compound. It appears as a white crystalline powder with stable properties at room temperature, but can undergo various reactions such as esterification and amidation when heated or subjected to specific chemical reagents. Phthalic acid is mainly used to synthesize various polymers and resins. It can undergo esterification reactions with various compounds to generate polymers with different properties, such as polyester, polyamide, and polyimide. These polymers have excellent mechanical properties, heat resistance, and chemical stability, and are widely used in fields such as plastics, fibers, coatings, and adhesives.

| 测试项目 Item | 指标 Specification | 燕山石化 SINOPEC | 逸盛 YISHENG | 乐天 Lotte |
|---------------------------------------|-------------------|-------------------|-------------------|-------------------|
| 外观 Appearance | 白色粉末 White Powder | 白色粉末 White Powder | 白色粉末 White Powder | 白色粉末 White Powder |
| 纯度/Purity (%) | ≥99.9 | 99.91 | 99.9 | 99.9 |
| 灰分 ash content (mg/kg) | ≤15 | 12 | 3.9 | 2.1 |
| 3-CBA content (mg/kg) | ≤25 | 0 | 3.6 | 1.3 |
| 酸值/Acid Value (mg KOH/g) | 675 ± 2 | 676 | 675.8 | 675.5 |
| 水分/Moisture (%) | ≤0.10 | 0.08 | 0.06 | 0.05 |
| 铁/Iron (mg/kg) | ≤2.0 | 0.9 | 0.09 | 0.2 |
| 总重金属/Total Significant Metals (mg/kg) | ≤10 | 2 | 1.61 | 0.63 |



新戊二醇

NEOPENTYL GLYCOL

新戊二醇又称NPG,是一种白色结晶状固体或液体,新戊二醇的分子结构中含有两个伯羟基,这使得它具有较高的反应活性,可以参与多种有机合成反应。新戊二醇的主要用途之一是作为合成高分子聚合物的重要原料。它可以与多种化合物发生聚合反应,生成具有优异性能的聚酯、聚醚和聚氨酯等聚合物。这些聚合物被广泛应用于塑料、纤维、涂料、粘合剂和弹性体等领域。

Neopentyl Glycol, also known as NPG, is a white crystalline solid or liquid. The molecular structure of neopentandiol contains two primary hydroxyl groups, which makes it highly reactive and can participate in various organic synthesis reactions. One of the main uses of neopentyl glycol is as an important raw material for the synthesis of polymer materials. It can undergo polymerization reactions with various compounds, generating polymers such as polyester, polyether, and polyurethane with excellent properties. These polymers are widely used in fields such as plastics, fibers, coatings, adhesives, and elastomers.

| PROPERTY | TEST METHOD | UNIT | SPEC | RESULT |
|---------------|-------------|--------|--------------|--------------|
| purity | GAS CHRO | wt% | Min 99.20 | 99.55 |
| Water | ASTME 203 | wt% | Max 0.30 | 0.04 |
| Color | ASTMD 1209 | APHA | Max 10 | 1 |
| Acidity | ASTMD 1613 | wt% | Max 0.0500 | 0.0010 |
| Aldehyde | ASTMD 4710 | wt% | Max 0.150 | 0.001 |
| Melting Point | ASTMD 1519 | °C | 124.0- 130.0 | 129.5 |
| APPEARANCE | ASTM D 6864 | visual | White flakes | white flakes |



TriMethylolPropane

三羟甲基丙烷

三羟甲基丙烷简称TMP,是一种重要的多官能团醇,具有三个羟甲基(-CH₂OH)基团。它是一种白色结晶或无色液体。TMP是制造各种热固性和热塑性聚酯树脂的重要原料。这些聚酯树脂被广泛应用于油漆、涂料、胶黏剂和塑料行业。TMP还可以用于聚氨酯合成,润滑剂和湿润剂等领域,在许多工业应用中都发挥着至关重要的作用。

Trimethylolpropane, abbreviated as TMP, is an important multifunctional alcohol with three hydroxymethyl(-CH₂OH) groups. It is a white crystalline or colorless liquid. TMP is an important raw material for manufacturing various thermosetting and thermoplastic polyester resins. These polyester resins are widely used in the paint, coating, adhesive, and plastic industries. TMP can also be used in fields such as polyurethane synthesis, lubricants, and wetting agents, playing a crucial role in many industrial applications.

| 测试项目 Item | 指标 Specification | 百川 BCCHEM | 高信 KOSIN |
|------------------------|----------------------------|----------------------------|----------------------------|
| 外观 /Appearance | 白色片状晶体 White flake crystal | 白色片状晶体 White flake crystal | 白色片状晶体 White flake crystal |
| 纯度/Purity (%) | ≥99.0 | 99.58 | 99.66 |
| 羟基含量 Hydroxyl Value(%) | ≥37.5 | 37.75 | 37.61 |
| 酸度 Acidity(%) | ≤0.0002 | 0.0002 | 0.0002 |
| 水分/Moisture (%) | ≤0.05 | 0.016 | 0.046 |
| 色度/Hazen (Pt-Co) | ≤15 | 10 | 15 |
| 判定等级 Product Grade | | 优等品 Superior Grade | 优等品 Superior Grade |



己二酸

ADIPIC ACID

己二酸，又称为肥酸，是一种重要的有机二元酸。它呈白色结晶性粉末，具有轻微的刺激性气味，可溶于水和多种有机溶剂。己二酸在常温下性质稳定，但在加热或受到特定化学试剂作用时，可以发生酯化、酰胺化、缩合等多种反应。生产尼龙66是己二酸的主要用途，其次还可用于生产聚酯多元醇、聚氨酯弹性体等聚氨酯产品。在纺织、汽车、电子、建筑、交通、家具、医药和食品等多个领域都发挥着重要作用。

Adipic acid, also known as fatty acid, is an important organic dicarboxylic acid. It is a white crystalline powder with a slight irritating odor and is soluble in water and various organic solvents. Adipic acid is stable at room temperature, but it can undergo various reactions such as esterification, amidation, and condensation when heated or subjected to specific chemical reagents. The production of nylon 66 is the main use of adipic acid, and it can also be used to produce polyurethane products such as polyester polyols and polyurethane elastomers. It plays an important role in multiple fields such as textiles, automobiles, electronics, construction, transportation, furniture, medicine, and food.

| 测试项目 Item | 指标 Specification | 恒力 HengLi | 华鲁 HUALU | 中石油 PetroChina | 海力 HAILI |
|---|---------------------|-------------------|-------------------|-------------------|-------------------|
| 外观 Appearance | 白色粉末 White Powder | 白色粉末 White Powder | 白色粉末 White Powder | 白色粉末 White Powder | 白色粉末 White Powder |
| 纯度/Purity (%) | ≥99.80 | 99.88 | 99.86 | 99.87 | 99.81 |
| 熔点/ Melting Point(°C) | ≥152.0 | 153.3 | 153 | 152.5 | 153.6 |
| 氨溶液色度 Ammonia solution chromaticity(Pt-Co) | ≤5.0 | 1.48 | 0.4 | 1.1 | 1.5 |
| 灰分/Ash Content (mg/kg) | ≤4 | 0.58 | 1 | 1.6 | 2.8 |
| 水分/Moisture (%) | ≤0.20 | 0.12 | 0.14 | 0.13 | 0.20 |
| 铁/Iron (mg/kg) | ≤0.4 | 0.16 | 0.1 | 0.15 | 0.37 |
| 硝酸含量/ Nitric acid content(mg/kg) | ≤3.0 | 1.36 | 1.3 | 1.04 | 1.42 |



TriMellitic Anhydride

偏苯三酸酐

偏苯三酸酐，简称TMA，是一种重要的有机化合物，属于芳香族多元酸酐。它呈白色片状固体，具有独特的化学结构和性质。由于其分子结构中含有三个酸酐基团，偏苯三酸酐具有较高的反应活性，可以与多种化合物发生酯化、酰胺化等反应。它的主要用途用于生产聚酯树脂，其次还可用于生产增塑剂、润滑剂、涂料和油墨等化工产品。

Trimellitic anhydride, abbreviated as TMA, is an important organic compound belonging to the aromatic polyanhydride group. It is a white sheet-like solid with unique chemical structure and properties. Due to the presence of three anhydride groups in its molecular structure, phthalic anhydride has high reactivity and can undergo esterification, amidation, and other reactions with various compounds. Its main purpose is to produce polyester resin, and it can also be used to produce chemical products such as plasticizers, lubricants, coatings, and inks.

| 测试项目 Item | 指标 Specification | BCCHEM |
|--------------------------------|----------------------------|----------------------------|
| 外观 /Appearance | 白色片状固体 White flake crystal | 白色片状固体 White flake crystal |
| 纯度/Purity (%) | ≥96.5 | 97.10 |
| 邻苯二甲酸酐 Phthalic Anhydride(w/%) | ≤0.05 | 0.010 |
| 酸值/Acid Value (mg KOH/g) | ≥873 | 876.6 |
| 色度/Hazen (Pt-Co) | ≤130 | 100 |



SBS弹性体

STYRENE-BUTADIENE-STYRENE ELASTOMER

SBS弹性体是一种热塑性弹性体，由苯乙烯和丁二烯单元交替排列组成。SBS具有独特的性能结合了塑料和橡胶的优点，被称为“第三代合成橡胶”。与丁苯橡胶相似，SBS可以和水、弱酸、碱等接触，具有优良的拉伸强度，表面摩擦系数大，低温性能好，电性能优良，加工性能好等特性，成为目前消费量最大的热塑性弹性体。SBS主要用于沥青改性、防水卷材、塑料改性、鞋材、胶黏剂密封条等领域。

SBS elastomer is a thermoplastic elastomer composed of alternating units of styrene and butadiene. SBS has a unique performance that combines the advantages of plastic and rubber, and is known as the "third-generation synthetic rubber". Similar to butadiene styrene rubber, SBS can come into contact with water, weak acids, bases, etc. It has excellent tensile strength, large surface friction coefficient, good low-temperature performance, excellent electrical performance, and good processing performance, making it the most widely consumed thermoplastic elastomer at present. SBS is mainly used in fields such as asphalt modification, antiskid materials, plastic modification, shoe materials, adhesive sealing strips, etc.

| 型号 Grade | 结构 Structure | 苯乙烯含量 /Styrene Content% | 拉伸强度 Mpa Tensile Strength | 硬度邵 A / Hardness Shore A | MFR (g/10min 200°C, 5kg) | 25°C、25%甲苯溶液粘度 /Mpa solution Viscosity (25°C and 25%, mpa.s) |
|--------------|--------------|-------------------------|---------------------------|--------------------------|--------------------------|--|
| LG501S | 线型 Linear | 31 | 240 | 76 | <1 | |
| LG411S | 星型 Radial | 31 | 200 | 87 | <1 | |
| YH-791H | 线型 Linear | 28-32 | 20 | 76 | 0.1 | |
| YH-792E | 线型 Linear | 36-40 | 29 | 89 | 1.5 | 1050 |
| LCY3411 | 星型 Radial | 30 | 160 | 80 | <1 | >20000 |
| LCY3501 | 线型 Linear | 31 | 150 | 78 | <1 | 5350 |
| LCY3546 | 线型 Linear | 40 | 300 | 90 | 6 | 600 |
| LCY1475 (OE) | 星型 Radial | 40 | 85 | 63 | 5 | |
| T161B | 星型 Radial | 30 | 17 | 70 | <1 | |
| T171G (OE) | 星型 Radial | 38-42 | 10 | 75 | 5 | 3.35 |
| T6302H | 线型 Linear | 28-32 | 26 | 68 | <1 | |



Styrene-Ethylene-Butene-Styrene elastomer

SEBS弹性体

SEBS弹性体是一种热塑性弹性体材料。它结合了橡胶的弹性和塑料的加工性，具有独特的物理和化学性质。SEBS弹性体呈白色颗粒状，具有良好的弹性、耐磨性、耐候性和化学稳定性。

SEBS弹性体的分子结构由苯乙烯（S）和乙烯-丁烯（EB）嵌段组成。这种特殊的嵌段结构使得SEBS弹性体在常温下展现出橡胶的弹性，而在高温下则具有可塑性和加工性。因此，SEBS弹性体可以通过注塑、挤出、吹塑等热塑性加工方法进行成型，在汽车工业、电线电缆、医疗器械、运动器材、玩具等领域具有广泛的应用。

SEBS elastomer is a thermoplastic elastomer material. It combines the elasticity of rubber with the processability of plastic, and has unique physical and chemical properties. SEBS elastomers are white particles with good elasticity, wear resistance, weather resistance, and chemical stability.

The molecular structure of SEBS elastomer is composed of styrene (S) and ethylenebutene (EB) blocks. This special block structure allows SEBS elastomers to exhibit the elasticity of rubber at room temperature, while exhibiting plasticity and processability at high temperatures. Therefore, SEBS elastomers can be formed through thermoplastic processing methods such as injection molding, extrusion, and blow molding, and have a wide range of applications in the automotive industry, wires and cables, medical equipment, sport equipment, toys, and other fields.

| 型号 Grade | 结构 Structure | 嵌段比 Block Ratio | 300%拉伸强度 Mpa 300% Stretching Strength MPa | 抗张强度 Mpa Tensile Strength Mpa | 伸长率 Elongation% | 硬度邵 A / Hardness Shore A | 25°C、25%甲苯溶液粘度 /Mpa solution Viscosity (25°C and 25%, mpa.s) |
|----------|--------------|-----------------|---|-------------------------------|-----------------|--------------------------|--|
| YH-501T | 线型 | 30/70 | 5 | 20 | 490 | 76 | 600 |
| YH-502T | 线型 | 30/70 | 4 | 27 | 540 | 73 | 180 |
| YH-503T | 线型 | 33/67 | 6 | 25 | 480 | 74 | 2300 |
| YH-504T | 线型 | 31/69 | 5.0 | 26 | 480 | 74 | |
| YH-602T | 星型 | 35/65 | 6.5 | 27 | 500 | 89 | 250 |
| YH-604T | 星型 | 33 | 5.8 | 30 | 530 | 78 | 2200 |

