

PA6 日本宇部 1013B 尼龙6原料

产品名称	PA6 日本宇部 1013B 尼龙6原料
公司名称	上海灿美塑化有限公司
价格	.00/件
规格参数	
公司地址	上海奉贤南桥1338-1号2146室
联系电话	17317698208

产品详情

By analyzing multiple perspectives and including overlooked details and knowledge, this article aims to provide a comprehensive exploration of the PA6 (Polyamide 6) material produced by Japan's Yubari Chemical Co., Ltd. This in-depth analysis is intended to guide potential customers in making informed decisions regarding the purchase of this specific type of PA6 nylon raw material.

I. IntroductionThe PA6 material under scrutiny in this article is the renowned Yubari Chemical Co., Ltd.'s 1013B variant of polyamide 6, a sought-after nylon raw material. Through its exceptional properties and extensive applications, Yubari's PA6 1013B reinforces its position as a top-tier choice in the market.

II. Physical and Chemical PropertiesPA6 1013B exhibits a remarkable combination of physical and chemical properties, contributing to its widespread applications. Its high melting point, exceeding 220 ° C, ensures excellent heat resistance. This feature makes it particularly suitable for manufacturing components exposed to extreme temperatures. Moreover, the material's superior strength, stemming from its high tensile modulus, renders it robust and long-lasting. This characteristic guarantees the stability and endurance required for structural parts, creating an ideal option for industries such as automotive, aerospace, and engineering.

III. Mechanical PerformanceThe mechanical performance of PA6 1013B showcases its unparalleled advantages over other materials in various aspects. Its exceptional impact resistance prevents the material from fracturing under external forces, guaranteeing the integrity of the final product. In addition, the superior wear resistance of PA6 1013B ensures extended durability under abrasive conditions. This property proves crucial for applications involving friction and constant movement, such as gears, bearings, and conveyor belts.

IV. Chemical ResistancePA6 1013B is renowned for its outstanding resistance to chemicals, making it an optimal choice for applications requiring exposure to aggressive substances. Its resistance to oils, solvents, and various chemicals ensures the integrity and functionality of products in demanding environments.

V. Electrical PropertiesWith its excellent electrical insulation performance, PA6 1013B finds extensive usage in electrical and electronics industries. Its high dielectric strength and low dissipation factor guarantee reliable operation in intricate electrical systems.

VI. Processing MethodsPA6 1013B exhibits favorable processability, allowing for various manufacturing techniques. It can be molded through injection molding, extrusion, or blow molding processes, accommodating diverse application requirements. The material's versatility in processing methods ensures its adaptability to a wide range of industries.

VII. ApplicationsThe extensive range of applications for PA6 1013B underscores its versatility and reliability. It finds utilization in automotive components, electrical connectors, protective gear, consumer goods, and countless other sectors. Its adoption by various industries is testament to the material's exceptional qualities and performance.

ConclusionIn conclusion, Japan's Yubari Chemical Co., Ltd. offers a top-quality PA6 nylon raw material, the PA6 1013B. Through its exceptional physical and chemical properties,

mechanical performance, chemical resistance, and electrical properties, this material proves to be highly suitable for numerous applications. Its remarkable versatility and reliability make it an ideal choice for industries requiring durability, strength, and integrity in their products. As an acclaimed player in the market, Yubari's PA6 1013B stands as a solid option for potential customers seeking high-quality nylon raw material.