

聚四氟乙烯悬浮树脂
PTFE Granular Resins

产品规格 Product Specifications

本品牌号包括：CGM031 系列、CGM021 系列、CGM-16(F)、CGM3101 系列、CGM3102 系列、CGM1101 系列等。

The main grades include CGM031 series, CGM021 series, CGM-16 (F), CGM3101 series, CGM3102 series, CGM1101 series etc.

技术指标 Technical Indicators

项目 Items	Technical Indicators		
	CGM031 系列（悬浮中粒度树脂） CGM031 Series (granular resins with medium particle size)		CGM021 系列、CGM-16(F) （悬浮细粒度树脂） CGM02 series and CGM-16(F) (granular resins with small particle size)
	一级 Level 1	合格 Qualified	
外观 Appearance	白色粉末 white powder		
拉伸强度, MPa, ≥ Tensile strength (Mpa, ≥)	25.5	22.5	27.6
断裂伸长率, %, ≥ Elongation at break (%, ≥)	250	250	300
体积密度, g/L Bulk density (g/L)	360~600	360~600	300~500
平均粒径, μm Average particle Size (μm)	70~260	70~260	15~70
含水率, %, ≤ Moisture content (%, ≤)	0.04	0.04	0.04
熔点, °C Melting point (°C)	327±5	327±5	327±5
标准相对密度 Specific standard gravity	2.13~2.19	2.13~2.19	2.13~2.19

主要性能 Main Performance

本品具有优异的耐热性、耐化学稳定性、低摩擦性、表面不粘性等。

The products exhibit excellent heat resistance, chemical resistance, low friction, non-stick surface, etc.

主要用途 Main applications

CGM031 系列主要用于车削棒材、垫片、零部件等。广泛应用于化工、机械、石油、医学、电子、光学等领域。

CGM021 系列主要用于模压烧结成型，用于大件棒材，零部件、电子级绝缘用膜等。

CGM-16(F)系列为填充专用料，用于制造小的制件、设备零部件等。

CGM3101 系列、CGM3102 系列具备抗蠕变性能、优异的介电性能等，主要用于制作隔膜、波纹管、医药容器、电绝缘薄膜等。

CGM1101 系列主要应用于定向薄膜、车削薄膜，利用其高清洁度以及不同环境下稳定的介电常数、体积电阻和热稳定性能，在电子电器、半导体领域具有卓越的应用优势。

CGM031 series are mainly used for turning bars, gaskets, parts, etc. They are widely used in chemical industry, machinery, petroleum, medicine, electronics, optics and other fields.

CGM021 series are mainly used for molding and sintering molding and applied to large bars, parts, and electronic-grade insulation films.

CGM-16 (F) series is special filling material, used to manufacture small parts, equipment parts, etc.

CGM3101 series and CGM3102 series exhibit creep resistance and excellent dielectric properties, etc., and are mainly used for making diaphragms, bellows, medical containers and electrical insulating films.

CGM1101 series are mainly used in aligned films and turned films. With high cleanliness and stable dielectric constant, volume resistance and thermal stability under different environments, these products exhibit excellent application advantages in the fields of electronic appliances and semiconductors.

包装、储存及运输 Packaging, storage and transportation

本品包装在塑料袋内，再装入硬质桶/塑料桶，每桶净含量 20/25kg。

本品应储存在清洁、干燥、阴凉的场所，防止水汽、尘土等杂物的混入影响产品质量。本品在清洁、干燥、阴凉、温度 0~30℃的环境中可长期保存。

本品按非危险品运输，运输时避免受潮、滚动和剧烈振动。

The products are firstly packed in plastic bags and then the plastic bags are put into hard drums or plastic drums. The net weight of each drum is 20kg or 25kg.

The products should be stored in a clean, dry and cool place to prevent the mixing of water vapor, dust and other debris which may affect the quality of the products. The products can be stored for a long time in a clean, cool and dry environment with temperature of 0~30℃.

The products are transported as a non-dangerous products. Avoid moisture, rolling and violent vibration during transportation.

注意事项 Precautions

本品遇高温会分解产生有毒有害物质，接触本品时请勿吸烟。

Toxic substances will be produced from the products under high-temperature. Smoking is prohibited in contact with the products.