

产品技术说明书

Product Technical Specification

Betopp® 聚烯烃弹性体 (POE) G6045/G6012

	产品概况 Overview		
	牌号介绍 Product Grades Description	G6045/G6012是以乙烯和 1-丁烯为原料的聚烯烃弹性体，应用于汽车专用 PP 改性、薄膜、家电、包装、管材、电缆等领域。 G6045/G6012 is a polyolefin elastomer (POE) made from ethylene and 1-butene,suitable for fields such as automotive PP modification,film, household appliances,packaging, pipes,cables,etc.	
	厂家 Manufacturer	Cymax	
	类别 Category	聚烯烃弹性体 POE	
	材料状态 Material Status	已商用, 当前有效 Commercially available,currently valid	
	产品形式 Product Form	粒子 Particle	
	产地 Origin	中国 China	

产品技术参数 Product Technical Parameters

项 目 Item	G 6045 典型值 Typical Value	G 6012 典型值 Typical Value	测试方法 Test Method
物理性能 (单位) Physical Property(Unit)			
熔体质量流动速率 Melt Mass-Flow Rate (g/10min)	5.00	1.20	GB/T 3682.1
密度 Density (g/cm³)	0.865	0.862	GB/T 1033.1
机械性能 (单位) Mechanical Properties (Unit)			
邵氏硬度 A Shore Hardness A (/)	58	58	GB/T 2411
拉伸断裂应变 Tensile Strain At Break (%)	700	800	GB/T 1040.3
拉伸断裂应力 Tensile Stress At Break (MPa)	2.20	2.50	GB/T 1040.3
热性能 (单位) Thermal Properties (Unit)			
熔融温度 Melting Temperature (°C)	50	50	GB/T 19466.3
玻璃化转变温度 Glass Transition Temperature (°C)	-50	-50	GB/T 19466.2

产品安全性 Safety

本产品为固体高分子聚 合物，性能稳定，对人体、动物、植物及生态环境无害。
This product is a solid polymer with stable performance,and is safe to humans,animals,plants,and ecosystems.

产品保质期 Shelf Life

自生产之日起，保质期为 12 个月。The shelf life is 12 months from the date of production.

运输条件 Transportation Conditions

本产品运输前必须进行必要的防护，严禁在运输途中将本产品直接暴露于阳光和潮湿的环境下，防止污染。
Necessary protective measures must be implemented prior to the transportation of this product. It is strictly prohibited to expose the product directly to sunlight or humid environments during transit to prevent contamination.

储存条件 Storage Conditions

本产品必须存放于环境温度在0℃至35℃之间的室内，严禁将本产品直接暴露于阳光直射、热源、水汽、化学物质和灰尘的环境中。
This product must be stored indoors in an environment where the temperature is maintained between 0°C and 35°C. Direct exposure to sunlight,heat sources,moisture,chemical substances,and dust is strictly prohibited.

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