

Technical Data Sheet

产品说明书

Properties	Test Standards	Test Conditions	S.I. Units	Grade A01
Mechanical				
Tensile Strength 拉伸强度	D-638	23 °C, 50mm/min	kg/cm ²	≥350
Elongation at break 断裂伸长率	D-638	23 °C, 50mm/min	%	1.6
Flexural Strength 弯曲强度	D- 790	2mm/min	kg/cm ²	≥500
Flexural Modulus 弯曲模量	D- 790	2mm/min	kg/cm ²	≥30000
Impact Strength, IZOD notched 冲击强度	D-256	23 °C	kg · cm/cm	1.6-1.8
Rockwell Hardness 洛氏硬度	D-785	R Scale		90
Thermal				
Vicat Softening Temperature VST/B/50 3	D-1525	23°C	° C	94
Electrical				
Volume Resistivity	IEC 60093		Ω .cm	>10 ¹⁴
Dielectric Strength	IEC 60243-1	2mm, in oil	KV/mm	
Others				
Melting Flow Rate 熔指	ASTM-D1238	200°C,5Kg	g/10min.	8-15
Density 密度	D-792		g/cm ³	1.04
Ash Content 灰分含量	ISO 3451/1		%	0.15
Mold Shrinkage 模具收缩率	D-955		%	
Moisture Absorption 吸湿	ISO 62	Equilibrium 23 °C /50% r.h.	%	
Flammability	UL 94	--	--	HB

※ 上表所列数据资料仅供参考用

(These property data are believed to be representative under specific test conditions and are not intended to serve as product specifications.)

Laboratory environment: temperature 23 °C, relative humidity 50%

实验室环境： 温度 23 °C ， 相对湿度 50%

composition statement成分声明

Recycled materials after consumption, the base material is EPS foam packaging, and the resin component is polystyrene (GPPS)

消费后回收材料，基材为 EPS 泡沫包装，树脂成分为聚苯乙烯（GPPS）

product certification产品认证

RoHS, REACH and GRS certified (Global Recycled Standard) 符合 RoHS、REACH GRS 认证

characterization特性描述

White transparent, uniform in color; High purity, low impurity content in 80 mesh filtration;
No ash content, good processability

白色透明，颜色统一；纯净度高，80 目过滤杂质含量低；不含灰分，可加工性能好

productApplications产品应用

Extruded foam molding, thermal insulation materials, advertising consumables,, Modified substrate: Modified TPR elastomer, composite materials, etc

挤出发泡成型、保温隔热材料，广告耗材；改性基材：改性 TPR 弹性体，复合材料等

color, packaging and physicalmechanical properties颜色、包装及物理机械性能

25KG packaging/unification, production batch number, material name, weight, etc. clear and complete

25KG 包装/统一、生产批号、材料名称、重量等清晰完整

process parameter工艺参数

process parameter (Extrusion molding)	Numeric value 数值	unit 单位
工艺参数（挤出成型）		
MeltTemperature 融体温度	180~ 230	°C

Note : Drying is usually not required. If surface defects occur when in extrusion molding application, we can dry them appropriately.

备注：通常不需要烘干，如挤出成型应用时，产生表面缺陷，可以适量烘干。

picture ofphysicalobjects颗粒实物照片

