



TECHNICAL DATA SHEET

POLYPROPYLENE HIPS7240

Description

HIPS7240 is a very high impact polystyrene for the extrusion industry. This grade has been designed to diluted with crystal polystyrene.

HIPS7240 是一种用于挤出工业的非常高抗冲聚苯乙烯。该级别设计用结晶聚苯乙烯稀释。

The good melt strength of this grade makes it particularly suited for deep-draw thermoforming. HIPS7240 is available in white color.

具有良好的熔体强度使其特别适合于深拉热成型。HIPS7240 有白色。

Applications

darty sheet,cups,trays,egg boxes,general packaging,coextrusion with GPPS at industrial sheets.food containers

Origin 源产地

Middle east 中东

Resin properties

Property 性能	Unit 单位	Test Method 检测结果	Typical Value 测试方法
Melt Flow Index(200 C-5KG)熔融指数	g/10min	ASTM D-1238	4.5
Styrene Residual Monomer 苯乙烯单体残留	Ppm	CLG LABPSG004 (Atofina Test Method)	<500
Vicat Softening Point 维卡软化点 (50 °C/hr 1kg)	°C	ASTM D-1525	97
Rockwell Hardness 洛氏硬度	-	ASTM D-785	Scale/R65
Tensile Stress At yeild 屈服拉伸应力	MPA	ASTM D-638	23
Tensile Stress At Break 断裂拉伸应力	MPA	ASTM D-638	21
Elongation At Break 断裂延伸力	%	ASTM D-638	60
Tensile Modulus 拉伸强度	MPA	ASTM D-638	1950
Izod Impact 冲击强度	KJ/M2	ASTM D-256	11

* All above mentioned data are typical values and not to be construed as real specifications. Users should confirm results by their own tests. For more information about guaranteed items, please refer to S.S.S. (Standard Sales Specifications)

Density and shrinkage of this grade are approximately around 1.04 kg/lit & (0.4-0.7)%(ASTM D-955) respectively. All test are carried out at 23 C , unless otherwise stated.

If in grade reference the fourth digit is "1"(7241) , indicates an external lubricants is included.