



TECHNICAL DATA SHEET

POLYPROPYLENE PC1000R

Description 说明

PC1000R resin is a medium-low flow (MFR = 10 at 300°C/1.2kg), heat stabilized, polycarbonate product with mold release designed for use in the general purpose molding market.

PC1000R 树脂是一种中低流量(生产商在 300 = 10 °C/ 1.2 公斤),热稳定,聚碳酸酯产品脱模设计用于一般目的成型的市场。

Origin 原产地

SABIC Saudi Arabia 沙特阿拉伯 sabic

Resin properties

Typical properties 典型性能	Test method 测试方法	Unit 单位	Value 价值
MECHANICAL			
Tensile Stress, yld, Type I, 50mm/min	ASTM D 638	MPa	63
Tensile Strain, yld, Type I, 50 mm/min	ASTM D 638	%	6
Tensile Strain, brk, Type I, 50 mm/min	ASTM D 638	%	>70
Tensile Modulus, 50 mm/min	ASTM D 638	MPa	2350
Flexural Stress, yld, 1.3 mm/min, 50 mm span	ASTM D 790	MPa	90
Flexural Modulus, 1.3 mm/min, 50 mm span	ASTM D 790	MPa	2300
Hardness, Rockwell R	ASTM D 785	-	120
Tensile Stress, yield, 50 mm/min	ISO 527	MPa	63
Tensile Strain, yield, 50 mm/min	ISO 527	%	6
Tensile Strain, break, 50 mm/min	ISO 527	%	>70
Tensile Modulus, 1 mm/min	ISO 527	MPa	2350
Flexural Stress, yield, 2 mm/min	ISO 178	MPa	90
Flexural Modulus, 2 mm/min	ISO 178	MPa	2300
Hardness, Rockwell R	ISO 2039-2	-	120
IMPACT			
Izod Impact, unnotched, 23°C	ASTM D 4812	J/m	NB
Izod Impact, notched, 23°C	ASTM D 256	J/m	800
Instrumented Impact Energy @peak, 23°C	ASTM D 3763	J	65
Izod Impact, unnotched 80*10*3+23°C	ISO 180/1U	kJ/m ²	NB
Izod Impact, unnotched 80*10*3-30°C	ISO 180/1U	kJ/m ²	NB
Izod Impact, notched 80*10*3 +23°C	ISO 180/1A	kJ/m ²	70
Izod Impact, notched 80*10*3 -30°C	ISO 180/1A	kJ/m ²	12

*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)