



TECHNICAL DATA SHEET

POLYPROPYLENE PC-1003R

Description 说明

PC1003R resin is a medium-low flow , natural, FDA food contact complaint, heat stabilized, polycarbonate product with mold release designed for use in the general.

PC1003R 树脂是一种中低流量, 自然, FDA 食品接触的较多, 热稳定, 聚碳酸酯产品脱模设计用于通用模具市场

Applications 用途

Origin 原产地

Saudi Arabia SABIC 沙特阿拉伯 sabic

Typical properties 典型性能	Test method 测试方法	Unit 单位	Value 价值
MECHANICAL			
Tensile Stress, yld, Type I, 50 mm/min	ASTM D638	MPa	63
Tensile Strain, yld, Type I, 50 mm/min	ASTM D638	%	6
Tensile Strain, brk, Type I, 50 mm/min	ASTM D638	%	>70
Tensile Modulus, 50 mm/min	ASTM D638	MPa	2350
Flexural Stress, yld, 1.3 mm/min, 50 mm span	ASTM D790	MPa	90
Flexural Modulus, 1.3 mm/min, 50 mm span	ASTM D790	MPa	2300
Hardness, Rockwell R	ASTM D785	-	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 D4812	J/m	NB
Izod Impact, notched, 23°C	ASTM D256	J/m	800
Instrumented Impact Energy @ peak, 23°C	ASTM D3763	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)