

TOTAL Polypropylene PPC 4663

抗冲击共聚聚丙烯

TOTAL Refining & Chemicals

Technical Data

Product Description

Polypropylene PPC 4663 is heterophasic copolymer with a Melt Flow Index of 3.5 g/10min.

Polypropylene PPC 4663 is characterized by a combination of ease of processing and good manufactured article properties in applications ranging from household to industrial. These include the manufacture of chair shells, pails, crates and other articles requiring a combination of good stiffness and impact properties.

Polypropylene PPC 4663 has been formulated to give good UV resistance.

General

Features	<ul style="list-style-type: none">• 抗冲击共聚物• 抗紫外线性能良好	<ul style="list-style-type: none">• 良好的加工性能• 良好刚性	<ul style="list-style-type: none">• 良好抗撞击性
Uses	<ul style="list-style-type: none">• 工业应用• 家具	<ul style="list-style-type: none">• 家用货品• 桶	<ul style="list-style-type: none">• 装货箱
Agency Ratings	<ul style="list-style-type: none">• EC 1907/2006 (REACH)		
RoHS Compliance	<ul style="list-style-type: none">• RoHS 合规		
Forms	<ul style="list-style-type: none">• 粒子		
Processing Method	<ul style="list-style-type: none">• 注射成型		

Physical	额定值 单位制	测试方法
Density	0.905 g/cm ³	ISO 1183
Apparent (Bulk) Density	0.53 g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.5 g/10 min	ISO 1133
Mechanical	额定值 单位制	测试方法
Tensile Modulus	1300 MPa	ISO 527-2
Tensile Stress (屈服)	25.0 MPa	ISO 527-2
Tensile Strain (屈服)	7.0 %	ISO 527-2
Flexural Modulus	1200 MPa	ISO 178
Impact	额定值 单位制	测试方法
Charpy Notched Impact Strength		ISO 179
-20°C	7.0 kJ/m ²	
23°C	20 kJ/m ²	
Notched Izod Impact Strength		ISO 180
-20°C	5.5 kJ/m ²	
23°C	18 kJ/m ²	
Hardness	额定值 单位制	测试方法
Rockwell Hardness (R 计秤)	82	ISO 2039-2
Thermal	额定值 单位制	测试方法
Heat Deflection Temperature		
0.45 MPa, 未退火	92.0 °C	ISO 75-2/B
1.8 MPa, 未退火	50.0 °C	ISO 75-2/A
Vicat Softening Temperature		
--	147 °C	ISO 306/A50
--	70.0 °C	ISO 306/B50
Melting Temperature (DSC)	165 °C	ISO 3146

