

TOTAL Polypropylene PPC 5571

Polypropylene Impact Copolymer

TOTAL Refining & Chemicals

Message:

Total Petrochemicals Polypropylene 5571 is a high impact copolymer with a Melt Flow of 7 g/10min.
Total Polypropylene 5571 is characterized by significantly improved impact resistance, while maintaining excellent antistatic properties and good processability.
Total Polypropylene 5571 has been developed specifically for the injection molding of baskets, pails, toys and any articles requiring extra toughness.

General Information			
Features	Antistatic		
	Good Processability		
	Good Toughness		
	High Impact Resistance		
	Impact Copolymer		
Uses	Pails		
	Toys		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR)	7.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	23.0	MPa	ASTM D638
Tensile Elongation (Yield)	7.0	%	ASTM D638
Flexural Modulus	1180	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C	70	J/m	
23°C	190	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	90.0	°C	ASTM D648
Vicat Softening Temperature	148	°C	ASTM D1525
Melting Temperature	160 to 165	°C	

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Recommended distributors for this material

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