

Total PPC 5724 Polypropylene, Extra High Impact Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

ATOFINA 5724 is characterized by a high fluidity offering a combination of processing and excellent impact properties in applications ranging from industrial to household. Application ATOFINA 5724 has been developed with improved gloss and excellent color for the manufacture of garden furniture, automotive applications, caps, closures, paint containers and toys requiring extra toughness. Information provided provided by Total Petrochemicals. Total Petrochemicals acquired former Fina and Atofina plastics product lines.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Total-PPC-5724-Polypropylene-Extra-High-Impact-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.905 g/cc	0.0327 lb/in ³	ASTM D1505
Melt Flow	20 g/10 min	20 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	21.4 MPa	3100 psi	ASTM D638
Elongation at Yield	7.0 %	7.0 %	ASTM D638
Flexural Modulus	0.896 GPa	130 ksi	ASTM D 790
Izod Impact, Notched	0.750 J/cm	1.41 ft-lb/in	Low Temp; ASTM D256
	NB	NB	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	160 - 165 °C	320 - 329 °F	ATOFINA Method
Deflection Temperature at 0.46 MPa (66 psi)	86.0 °C	187 °F	ASTM D648
Vicat Softening Point	143 °C	289 °F	ASTM D1525

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