

Total PPC 4252 Polypropylene, Impact Copolymer Corrugated Sheet

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Sheet/Thermoforming Grade

Material Notes:

TOTAL Petrochemicals Polypropylene 4252 is a 1.5 melt flow rate impact copolymer designed for improved toughness and high melt strength. This resin offers outstanding processability in combination with excellent mechanical properties. Total polypropylene 4252 was specifically developed for the extruded cardboard market. High Purity. Low catalyst residues in TOTAL Polypropylene 4252 allow extended processing runs without screen pack pluggage. FDA. 4252 complies with all applicable FDA regulations for food contact applications. Recommended Applications. 4252 is recommended for corrugated sheet, profile extrusion, blow molding, thermoforming and slit film for carpet backing applications. Information provided by Total Petrochemicals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Total-PPC-4252-Polypropylene-Impact-Copolymer-Corrugated-Sheet.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.905 g/cc	0.905 g/cc	ASTM D1505
Melt Flow	1.5 g/10 min	1.5 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	28.0 MPa	4060 psi	ASTM D638
Elongation at Yield	6.5 %	6.5 %	ASTM D638
Flexural Modulus	1.25 GPa	181 ksi	ASTM D790
Izod Impact, Notched	1.60 J/cm	3.00 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	160 - 165 °C	320 - 329 °F	TOTAL Method
Deflection Temperature at 0.46 MPa (66 psi)	95.0 °C	203 °F	Pressure unspecified; ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	204 - 260 °C	400 - 500 °F	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China