

SABIC PP 623B Polypropylene Random Co-polymer for Cast Film

Category : Polymer , Film , Thermoplastic , Polypropylene (PP) , Polypropylene, Film Grade

Material Notes:

Product Description: PP 623B is a PP Random Copolymer grade specially designed for Cast PP (CPP) film extrusion. It contains slip agent and anti-block additives. PP 623B offers good heat weldability for the sealing layers of CPP film. Films produced using PP 623B will exhibit: Excellent processability Good weldability High clarity High gloss. **Typical Applications:** PP 623B can be used mainly for cast film food and non-food packaging. Information provided by SABIC.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-PP-623B-Polypropylene-Random-Co-polymer-for-Cast-Film.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D792
Melt Flow	6.0 g/10 min @Load 2.16 kg, Temperature 230 °C	6.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	92	92	ASTM D785
Tensile Strength, Yield	27.0 MPa	3920 psi	ASTM D638
Elongation at Yield	12 %	12 %	ASTM D638
Flexural Modulus, 1% Secant	950 MPa	138000 psi	ASTM D790A
Izod Impact, Notched	0.550 J/cm	1.03 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	78.0 °C	172 °F	ASTM D648
Vicat Softening Point	132 °C	270 °F	ASTM D1525B

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