

SABIC PP 520L Polypropylene Homopolymer for Tubular Water Quenched Film

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

Material Notes:

Product Description: PP 520L is specially developed for tubular water quenched blown film applications with a suitable dosage of slip and antiblock additives. Films produced using PP 520L will exhibit: Consistent processability Good optical properties High melt strength Excellent runnability on bagging and sealing machines

Typical Applications: PP 520L can be used for producing garment, textiles, magazine covers and for food packaging. Information provided by SABIC.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-PP-520L-Polypropylene-Homopolymer-for-Tubular-Water-Quenched-Film.php

Physical Properties	Metric	English	Comments
Density	0.905 g/cc	0.0327 lb/in ³	ASTM D792
Melt Flow	10 g/10 min @Load 2.16 kg, Temperature 230 °C	10 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	102	102	ASTM D785
Tensile Strength, Yield	35.0 MPa	5080 psi	ASTM D638
Elongation at Yield	10 %	10 %	ASTM D638
Flexural Modulus, 1% Secant	1600 MPa	232000 psi	ASTM D790A
Izod Impact, Notched	0.230 J/cm	0.431 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	105 °C	221 °F	ASTM D648
Vicat Softening Point	155 °C	311 °F	ASTM D1525B

Processing Properties	Metric	English	Comments
Processing Temperature	205 - 215 °C	401 - 419 °F	Barrel Temperature

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