

IRPC Polimaxx Polene N700P Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

APPLICATION: BASE COMPONENT FOR COLORING RESIN

Order this product through the following link:

http://www.lookpolymers.com/polymer_IRPC-Polimaxx-Polene-N700P-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Particle Size	700 μm	700 μm	S1010-2802-T20
Melt Flow	11 g/10 min @Load 2.16 kg, Temperature 230 $^{\circ}\text{C}$	11 g/10 min @Load 4.76 lb, Temperature 446 $^{\circ}\text{F}$	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	107	107	ASTM D785
Tensile Strength, Yield	36.0 MPa	5220 psi	ASTM D638
Elongation at Yield	26 %	26 %	ASTM D638
Flexural Modulus	1.50 GPa	218 ksi	1% Secant; ASTM D790
Charpy Impact, Notched	0.290 J/cm 2 @Temperature 23.0 $^{\circ}\text{C}$	1.38 ft-lb/in 2 @Temperature 73.4 $^{\circ}\text{F}$	DIN 53453

Thermal Properties	Metric	English	Comments
Heat Distortion Temperature	110 $^{\circ}\text{C}$	230 $^{\circ}\text{F}$	ASTM D648

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