

## IRPC Polimaxx Polene 1100PK Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

**Material Notes:**

CHARACTERISTICS: HIGH FLOW, GOOD STIFFNESS, GOOD PROCESSABILITY, GOOD MELT STABILITY  
APPLICATIONS: MULTI - FILAMENT FOR BELTS, FIBRES FOR CARPETS INJECTION MOLDING FOR THIN WALL PARTS, HOUSEWARES

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_IRPC-Polimaxx-Polene-1100PK-Polypropylene-Homopolymer.php](http://www.lookpolymers.com/polymer_IRPC-Polimaxx-Polene-1100PK-Polypropylene-Homopolymer.php)

Physical Properties	Metric	English	Comments
Melt Flow	15 g/10 min @Load 2.16 kg, Temperature 230 Â°C	15 g/10 min @Load 4.76 lb, Temperature 446 Â°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	0.250 J/cmÂ² @Temperature 23.0 Â°C	1.19 ft-lb/inÂ² @Temperature 73.4 Â°F	DIN 53453

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	110 Â°C	230 Â°F	ASTM D648

Processing Properties	Metric	English	Comments
Processing Temperature	200 - 240 Â°C	392 - 464 Â°F	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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