

## IRPC Polimaxx Polene 1100NK Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

**Material Notes:**

CHARACTERISTICS: HIGH FLOWAPPLICATIONS: FOR INJECTION MOLDING GENERAL PURPOSE : HOUSEWARES, CLOSURES, FOOD CONTAINERS

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Melt Flow	11 g/10 min @Load 2.16 kg, Temperature 230 Â°C	11 g/10 min @Load 4.76 lb, Temperature 446 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	110	110	ASTM D785
Tensile Strength, Yield	36.0 MPa	5220 psi	ASTM D638
Elongation at Yield	36 %	36 %	ASTM D638
Flexural Modulus	1.50 GPa	218 ksi	1% Secant; ASTM D790
Charpy Impact, Notched	0.290 J/cmÂ² @Temperature 23.0 Â°C	1.38 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

## Contact Songhan Plastic Technology Co.,Ltd.

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