

## IRPC Polimaxx Polene 1111NX TA4 Polypropylene Compound

Category : Polymer , Thermoplastic , Polypropylene (PP)

**Material Notes:**CHARACTERISTICS: POLYPROPYLENE HOMOPOLYMER WITH 20% TALCUM REINFORCED  
APPLICATIONS: INJECTION MOLDING FOR AUTOPARTS, ELECTRICAL APPLIANCES

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_IRPC-Polimaxx-Polene-1111NX-TA4-Polypropylene-Compound.php](http://www.lookpolymers.com/polymer_IRPC-Polimaxx-Polene-1111NX-TA4-Polypropylene-Compound.php)

Physical Properties	Metric	English	Comments
Density	1.06 g/cc	0.0383 lb/in <sup>3</sup>	ASTM D792
Melt Flow	11 g/10 min @Load 2.16 kg, Temperature 230 °C	11 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	106	106	ASTM D785
Tensile Strength, Yield	36.3 MPa	5260 psi	ASTM D638
Elongation at Break	11 %	11 %	ASTM D638
Flexural Yield Strength	53.4 MPa	7750 psi	ASTM D790
Flexural Modulus	3.70 GPa	537 ksi	ASTM D790
Izod Impact, Notched	0.294 J/cm @Temperature 23.0 °C	0.551 ft-lb/in @Temperature 73.4 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	142 °C	288 °F	ASTM D648

### Contact Songhan Plastic Technology Co.,Ltd.

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