

## IRPC Polimaxx Polene 1196NN Polypropylene Compound

Category : Polymer , Thermoplastic , Polypropylene (PP)

**Material Notes:**

CHARACTERISTICS: POLYPROPYLENE HOMOPOLYMER UNREINFORCED, CONTAIN FLAME RETARDANT, UL 94 V-2 APPROVAL, HIGH IMPACT STRENGTH APPLICATIONS: INJECTION MOLDING FOR ELECTRICAL APPLIANCES

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_IRPC-Polimaxx-Polene-1196NN-Polypropylene-Compound.php](http://www.lookpolymers.com/polymer_IRPC-Polimaxx-Polene-1196NN-Polypropylene-Compound.php)

Physical Properties	Metric	English	Comments
Density	1.03 g/cc	0.0372 lb/in <sup>3</sup>	ASTM D792
Melt Flow	13.5 g/10 min @Load 2.16 kg, Temperature 230 °C	13.5 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	101	101	ASTM D785
Tensile Strength, Yield	30.4 MPa	4410 psi	ASTM D638
Elongation at Break	21 %	21 %	ASTM D638
Flexural Yield Strength	41.2 MPa	5970 psi	ASTM D790
Flexural Modulus	2.20 GPa	319 ksi	ASTM D790
Izod Impact, Notched	0.441 J/cm @Temperature 23.0 °C	0.827 ft-lb/in @Temperature 73.4 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	130 °C	266 °F	ASTM D648

### 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