

## IRPC Polimaxx Porene KU200 Acrylonitrile Butadiene Styrene

Category : Polymer , Thermoplastic , ABS Polymer

### Material Notes:

Applications: extrusion application automotive parts such as instrument panels, console boxes, switches, automotive louvers, ect electrical appliances

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_IRPC-Polimaxx-Porene-KU200-Acrylonitrile-Butadiene-Styrene.php](http://www.lookpolymers.com/polymer_IRPC-Polimaxx-Porene-KU200-Acrylonitrile-Butadiene-Styrene.php)

Physical Properties	Metric	English	Comments
Melt Flow	6.0 g/10 min @Load 10.0 kg, Temperature 220 Å°C	6.0 g/10 min @Load 22.0 lb, Temperature 428 Å°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	110 @Thickness 6.35 mm, Temperature 23.0 Å°C	110 @Thickness 0.250 in, Temperature 73.4 Å°F	ASTM D785
Tensile Strength, Ultimate	48.1 MPa @Temperature 23.0 Å°C	6970 psi @Temperature 73.4 Å°F	ASTM D638
Elongation at Break	25 % @Temperature 23.0 Å°C	25 % @Temperature 73.4 Å°F	ASTM D638
Flexural Yield Strength	64.7 MPa @Temperature 23.0 Å°C	9390 psi @Temperature 73.4 Å°F	ASTM D790
Flexural Modulus	2.16 GPa @Temperature 23.0 Å°C	313 ksi @Temperature 73.4 Å°F	ASTM D790
Izod Impact, Notched	2.06 J/cm @Thickness 6.35 mm, Temperature 23.0 Å°C	3.86 ft-lb/in @Thickness 0.250 in, Temperature 73.4 Å°F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	97.0 Å°C @Thickness 6.35 mm	207 Å°F @Thickness 0.250 in	ASTM D648
Flammability, UL94	HB	HB	

Thermal Properties	@Thickness 1.50 mm Metric	@Thickness 0.0591 in English	Comments
Processing Properties	Metric	English	Comments
Processing Temperature	220 - 270 Å°C	428 - 518 Å°F	
Drying Temperature	85.0 - 95.0 Å°C @Time 7200 - 18000 sec	185 - 203 Å°F @Time 2.00 - 5.00 hour	

## 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