

Asahi Kasei Xyron® X0722 Modified Polyphenylene Ether

Category : Polymer , Thermoplastic , Polyphenylene Ether/PPO , Polyphenylene Ether, Molded

Material Notes:

Automotive Information provided by Asahi Kasei

Order this product through the following link:

http://www.lookpolymers.com/polymer_Asahi-Kasei-Xyron-X0722-Modified-Polyphenylene-Ether.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.10 g/cc	1.10 g/cc	23°C; ASTM D792
Moisture Absorption	0.0900 %	0.0900 %	23°C, 50% RH 24 hours; ASTM D570
Linear Mold Shrinkage	0.0060 - 0.0080 cm/cm	0.0060 - 0.0080 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	47.0 MPa	6820 psi	23°C, 50% RH; ASTM D638
Elongation at Break	50 %	50 %	23°C, 50% RH; ASTM D638
Flexural Strength	67.0 MPa	9720 psi	23°C, 50% RH; ASTM D790
Flexural Modulus	2.11 GPa	306 ksi	23°C, 50% RH; ASTM D790
Izod Impact, Notched	2.45 J/cm @Thickness 6.40 mm, Temperature 23.0 °C	4.59 ft-lb/in @Thickness 0.252 in, Temperature 73.4 °F	ASTM D256

Thermal Properties	Metric	English	Comments
CTE, linear	75.0 µm/m-°C @Temperature -30.0 - 60.0 °C	41.7 µin/in-°F @Temperature -22.0 - 140 °F	ASTM D696
Deflection Temperature at 1.8 MPa (264 psi)	120 °C	248 °F	ASTM D648
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	Equivalent
	HB @Thickness 3.20 mm	HB @Thickness 0.126 in	Equivalent

Processing Properties	Metric	English	Comments
Processing Temperature	250 - 300 °C	482 - 572 °F	Resin Temperature

Mold Temperature Processing Properties	70.0 - 100 °C Metric	158 - 212 °F English	Comments
Drying Temperature	90.0 - 120 °C	194 - 248 °F	Pre-drying Temperature
Dry Time	2 - 4 hour	2 - 4 hour	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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