

Solvay Specialty Polymers Ixef® 1622 Polyarylamide (PARA), 50% Glass Fiber (Conditioned)

Category : Polymer , Thermoplastic , PVDC , Polyvinyl Dichloride (PVDC)

Material Notes:

Ixef® 1622 is an impact modified, 50% glass-fiber reinforced polyarylamide. which exhibits very high strength and rigidity, outstanding surface gloss, and excellent impact resistance. Features: Good Chemical Resistance; Good Creep Resistance; Good Dimensional Stability; High Flow; High Stiffness; High Strength; Impact Modified; Low Moisture Absorption; Outstanding Surface Finish Uses: Appliance Components; Appliances; Automotive Applications; Automotive Electronics; Business Equipment; Camera Applications; Electrical Housing; Electrical/Electronic Applications; Furniture; Gears; Housings; Industrial Applications; Lawn and Garden Equipment; Machine/Mechanical Parts; Metal Replacement; Power/Other Tools Injection Molding Notes: Ixef® compounds are shipped in moisture-resistant packages at moisture levels according to specifications. Sealed, undamaged bags should be preferably stored in a dry room at a maximum temperature of 50°C (122°F) and should be protected from possible damage. If only a portion of a package is used, the remaining material should be transferred into a sealable container. It is recommended that Ixef® resins be dried prior to molding. Information provided by Solvay Specialty Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-Specialty-Polymers-Ixef-1622-Polyarylamide-PARA-50-Glass-Fiber-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.60 g/cc	0.0578 lb/in ³	Dry; ISO 1183
Filler Content	50 %	50 %	Glass Fiber

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	200 MPa	29000 psi	ISO 527-2
Elongation at Break	2.7 %	2.7 %	ISO 527-2
Tensile Modulus	16.0 GPa	2320 ksi	ISO 527-2

Processing Properties	Metric	English	Comments
Rear Barrel Temperature	250 - 260 °C	482 - 500 °F	
Front Barrel Temperature	260 - 280 °C	500 - 536 °F	
Melt Temperature	270 °C	518 °F	
Mold Temperature	120 - 140 °C	248 - 284 °F	
Drying Temperature	120 °C @Time 1800 - 5400 sec	248 °F @Time 0.500 - 1.50 hour	

Descriptive Properties	Value	Comments
Additive	Impact Modifier	
Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	Latin America	
	North America	
Color	Black; Colors; Natural	
Form	Pellets	
Processing Technique	Injection Molding	
RoHS Compliance	RoHS Compliant	

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