

Solvay Specialty Polymers Ixef® 1524 Polyarylamide (PARA), 50% Glass Fiber (Conditioned)

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

Material Notes:

Ixef® 1524 is a 50% glass-fiber reinforced, halogen-free flame retardant polyarylamide which exhibits high strength and stiffness, good surface gloss, and excellent creep resistance. Features: Bromine Free; Flame Retardant; Good Chemical Resistance; Good Creep Resistance; Good Dimensional Stability; Halogen Free; High Flow; High Strength; Low Moisture Absorption; Outstanding Surface Finish; Ultra High Stiffness. Uses: Cell Phones; Electrical/Electronic Applications; Housings. 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-1524-Polyarylamide-PARA-50-Glass-Fiber-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.68 g/cc	0.0607 lb/in ³	Dry; ISO 1183
Filler Content	50 %	50 %	Glass Fiber

Mechanical Properties	Metric	English	Comments
Flexural Strength	240 MPa	34800 psi	ISO 178
Flexural Modulus	15.5 GPa	2250 ksi	ISO 178

Processing Properties	Metric	English	Comments
Rear Barrel Temperature	250 - 260 °C	482 - 500 °F	
Front Barrel Temperature	260 - 290 °C	500 - 554 °F	
Melt Temperature	280 °C	536 °F	
Mold Temperature	120 - 140 °C	248 - 284 °F	
Drying Temperature	100 °C @Time 3600 - 10800 sec	212 °F @Time 1.00 - 3.00 hour	

Descriptive Properties	Value	Comments
Additive	Flame Retardant	
Availability	Africa & Middle East	

Descriptive Properties	Value	Comments
	Asia Pacific	
	Europe	
	Latin America	
	North America	
Color	Black; Colors	
Form	Pellets	
Processing Technique	Injection Molding	
RoHS Compliance	RoHS Compliant	

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