

Solvay Specialty Polymers Kadel® E-1230 Polyketone (discontinued **)

Category : Polymer , Thermoplastic , Polyketone

Material Notes:

Electrical Conductor. High performance proprietary semi-crystalline polymer based resins with exceptional solvent resistance and high temperature performance. They provide strength and stiffness, plus superior chemical resistance for application in hostile environments. This product line was acquired by Solvay Advanced Polymers from BP Amoco in November 2001.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-Specialty-Polymers-Kadel-E-1230-Polyketone-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.45 g/cc	0.0524 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	207 MPa	30000 psi	ASTM D638
Elongation at Break	1.5 %	1.5 %	ASTM D638
Tensile Modulus	18.6 GPa	2700 ksi	ASTM D638
Flexural Yield Strength	276 MPa	40000 psi	ASTM D790
Flexural Modulus	15.8 GPa	2290 ksi	ASTM D790
Izod Impact, Notched	0.800 J/cm	1.50 ft-lb/in	ASTM D256
Tensile Impact Strength	140 kJ/m ²	66.6 ft-lb/in ²	

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	8.00 µm/m-°C	4.44 µin/in-°F	ASTM E381
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Deflection Temperature at 1.8 MPa (264 psi)	334 °C	633 °F	ASTM D648
Flammability, UL94	V-0	V-0	
	@Thickness 0.800 mm	@Thickness 0.0315 in	
	V-0	V-0	
	@Thickness 0.800 mm	@Thickness 0.0315 in	

Contact Songhan Plastic Technology Co.,Ltd.Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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