

RJM EX002F1

Polyether Imide
RJM International, Inc.

Message:

RJM EX002F1 is a Polyether Imide (PEI) product filled with carbon fiber. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Typical application: Additive/Masterbatch.

Characteristics include:

Flame Rated
Conductive

General Information			
Filler / Reinforcement	Carbon Fiber		
Features	Electrically Conductive		
Uses	Compounding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.31	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.30 to 0.50	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	147	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	5880	MPa	ASTM D790
Flexural Strength	196	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	49	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature	200	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+5 to 1.0E+7	ohms·cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	160	°C	
Drying Time	4.0	hr	
Processing (Melt) Temp	340 to 370	°C	
Mold Temperature	180	°C	

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

