Premi-Ject® 6100-15

Thermoset, Unspecified

Premix, Inc.

Message:

Premi-Ject® 6100-15 is a fiberglass reinforced thermoset bulk molding compound for electrical and flame retardant applications. Good dimensional stability, including excellent thermal resistance. Pigmentable for molded-in color; best appearance with mold texture. Excellent property retention in cold and hot environments. Recognized by Underwriters Laboratories, File # E42524. Underwriters Laboratories 94-VO flame resistance at 1.5mm thickness.

Filler / Reinforcement Glass Filler Additive Flame Retardant Features Flame Retardant Good Colorability Good Colorability Good Colorability Good Colorability Good Dimensional Stability Good Dimensional Stability Uses Electrical/Electronic Applications Typiscial Electrical/Electronic Applications Physical RMC - Bulk Molding Compound Physical Norminal Value Validing Shrinkage - Flow 0.15 to 0.35 Medium Shrinkage - Flow 0.15 to 0.35 Molding Shrinkage - Flow 0.15 to 0.35 Molding Shrinkage - Flow 0.15 to 0.35 Physical 1.200 Montal Value Value Tensile Modulus (Compression Molded) 1.200 Isoson's Ratio 0.30 Piscard Mordulus (Compression Molded) 1.200 Norther Itzo Impact Northal Value Norther Itzo Impact Northal Value Norther Itzo Impact Northal Value Norther Itzo Impact Compression Sold Norther Itzo Impact Compression Sold Northore Itz	General Information				
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RTI Elec 130 °C UL 746		0.30	W/m/K		
	RTI Elec	130	°C	UL 746	

RTI Imp	130	°C	UL 746
RTI Str	130	°C	UL 746
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	15	kV/mm	ASTM D149
Arc Resistance	> 180	sec	ASTM D495
Comparative Tracking Index	600	V	ASTM D2303
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.52 mm)	V-0		UL 94
Injection	Nominal Value	Unit	
Mold Temperature	149	°C	
Injection Pressure	3.45 to 6.89	MPa	
NOTE			
1.	XY Direction		

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