RTP 1385 C

PPS-CF30 RTP Company

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	**0.0015**	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	**24130**	MPa	ASTM D 638
Tensile Strength	**179**	MPa	ASTM D 638
Flexural Modulus	**22060**	MPa	ASTM D 790
Flexural Strength	**248**	MPa	ASTM D 790
Izod Impact notched, 1/8 in	**53.4**	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	**V-0**	-	UL 94
Thickness tested	**1.59**	mm	-
DTUL @ 264 psi	**268**	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Volume Resistivity	**100000**	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	**1450**	kg/m³	ASTM D 792
Moisture Content	**0.04**	%	-

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	**149**	°C	-
Pre-drying - Time	**6**	h	-
Melt temperature	**307 - 329**	°C	-
Mold temperature	**135 - 177**	°C	-
Injection pressure	**68.9 - 103**	MPa	-

Characteristics

Processing	Regional Availability
Injection Molding	North America, Europe, Asia Pacific

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