

RTP 4005 FR A HS

PPA-GF30

RTP Company

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.00225	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	13100	MPa	ASTM D 638
Tensile Strength	145	MPa	ASTM D 638
Flexural Modulus	12760	MPa	ASTM D 790
Flexural Strength	200	MPa	ASTM D 790
Izod Impact notched, 1/8 in	85.4	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	0.794	mm	-
DTUL @ 264 psi	260	°C	ASTM D 648
Electrical properties			
ASTM Data			
Volume Resistivity	>1E15	Ohm*cm	ASTM D 257
Other properties			
Water Absorption, 24hr	0.15	%	ASTM D 570
Density	1700	kg/m ³	ASTM D 792
Moisture Content	0.05	%	-
Processing Recommendation Injection Molding			
Pre-drying - Temperature	107	°C	-
Pre-drying - Time	4 - 6	h	-
Melt temperature	302 - 329	°C	-
Mold temperature	135 - 163	°C	-
Injection pressure	68.9 - 124	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific

Special Characteristics

Flame retardant, Heat stabilized or stable to heat