

RTP 4085 TFE 13 SI 2

(PPA+PTFE+SI)-CF30

RTP Company

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.00125	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	24820	MPa	ASTM D 638
Tensile Strength	248	MPa	ASTM D 638
Flexural Modulus	22410	MPa	ASTM D 790
Flexural Strength	352	MPa	ASTM D 790
Izod Impact notched, 1/8 in	74.7	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.59	mm	-
Electrical properties			
ASTM Data			
Volume Resistivity	100000	Ohm*cm	ASTM D 257
Other properties			
Density	1400	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

Additives

Lubricants