

RTP 285 F TFE 10 HS L

(PA12+PTFE)-CF30

RTP Company

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0006	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	17240	MPa	ASTM D 638
Tensile Strength	121	MPa	ASTM D 638
Flexural Modulus	12410	MPa	ASTM D 790
Flexural Strength	176	MPa	ASTM D 790
Izod Impact notched, 1/8 in	117	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.59	mm	-

Other properties	Value	Unit	Test Standard
Density	1230	kg/m ³	ASTM D 792
Moisture Content	0.1	%	-

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	79.4	°C	-
Pre-drying - Time	4	h	-
Melt temperature	221 - 274	°C	-
Mold temperature	65.6 - 104	°C	-
Injection pressure	68.9 - 103	MPa	-

Characteristics**Processing**

Injection Molding

Special Characteristics

Heat stabilized or stable to heat

Additives

Lubricants

Regional Availability

North America, Europe, Asia Pacific