

**RTP 283 D TFE 15**  
(PA612+PTFE)-CF20

RTP Company

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	0.002	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Modulus	14820	MPa	ASTM D 638
Tensile Strength	172	MPa	ASTM D 638
Flexural Modulus	12760	MPa	ASTM D 790
Flexural Strength	262	MPa	ASTM D 790
Izod Impact notched, 1/8 in	96.1	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.59	mm	-
DTUL @ 264 psi	216	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Surface Resistivity	100000	Ohm	ASTM D 257
Volume Resistivity	10	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1260	kg/m <sup>3</sup>	ASTM D 792
Moisture Content	0.2	%	-

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	79.4	°C	-
Pre-drying - Time	4	h	-
Melt temperature	249 - 285	°C	-
Mold temperature	60 - 93.3	°C	-
Injection pressure	68.9 - 124	MPa	-

**Characteristics**

**Processing**

Injection Molding

**Additives**

Lubricants

**Regional Availability**

North America, Europe, Asia Pacific