

RTP 100 TFE 15

(PP+PTFE)

RTP Company

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.015	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	1862	MPa	ASTM D 638
Tensile Strength	31	MPa	ASTM D 638
Flexural Modulus	1655	MPa	ASTM D 790
Flexural Strength	44.8	MPa	ASTM D 790
Izod Impact notched, 1/8 in	48	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	-
DTUL @ 66 psi	107	°C	ASTM D 648
DTUL @ 264 psi	54.4	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Volume Resistivity	>1E15	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.01	%	ASTM D 570
Density	990	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific

Additives

Lubricants