

**RTP 6001-70A Z**

TPE

RTP Company

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	3.5	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.015	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Modulus at 100% Elongation	1.86	MPa	ASTM D 412
Shore A Hardness	70	-	ASTM D 2240
Tear Strength	31.5	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	25	%	ASTM D 395
Compression Set , 22 hr @ 158 °F	70	%	ASTM D 395

Other properties	Value	Unit	Test Standard
Density	1160	kg/m <sup>3</sup>	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	51.7	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	182 - 238	°C	-
Mold temperature	10 - 48.9	°C	-

**Characteristics****Processing**

Injection Molding

**Regional Availability**

North America, Europe, Asia Pacific

**Certifications**

Food contact, Food approval FDA 21 CFR