

RTP 6003-75A Z

TPE

RTP Company

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.013	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	3.45	MPa	ASTM D 412
Shore A Hardness	75	-	ASTM D 2240
Tear Strength	43.8	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	23	%	ASTM D 395
Compression Set , 22 hr @ 158 °F	65	%	ASTM D 395

Other properties	Value	Unit	Test Standard
Density	1020	kg/m ³	ASTM D 792
Moisture Content	0.04	%	-

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	76.7	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	193 - 238	°C	-
Mold temperature	21.1 - 48.9	°C	-
Injection pressure	34.5 - 103	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific

Certifications

Food contact, Food approval FDA 21 CFR