

**RTP 6042-60A Z**

TPE

RTP Company

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	0.03	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Modulus at 100% Elongation	2	MPa	ASTM D 412
Shore A Hardness	60	-	ASTM D 2240
Tear Strength	33.3	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	20	%	ASTM D 395
Compression Set , 22 hr @ 158 °F	75	%	ASTM D 395

Other properties	Value	Unit	Test Standard
Density	1110	kg/m <sup>3</sup>	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	82.2	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	193 - 238	°C	-
Mold temperature	21.1 - 48.9	°C	-

**Characteristics****Processing**

Injection Molding

**Regional Availability**

North America, Europe, Asia Pacific

**Certifications**

Food contact, Food approval FDA 21 CFR