

RTP 6042-70A

TPE

RTP Company

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	2.9	MPa	ASTM D 412
Shore A Hardness	70	-	ASTM D 2240
Tear Strength	42.9	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	25	%	ASTM D 395
Compression Set , 22 hr @ 158 °F	80	%	ASTM D 395
Tensile Strength	12.1	MPa	ASTM D 412
Elongation at Break	450	%	ASTM D 412

Other properties	Value	Unit	Test Standard
Density	1170	kg/m ³	ASTM D 792
Moisture Content	0.03	%	-

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