

**RTP 6042-70A MD NATURAL**

TPE

RTP Company

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

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Modulus at 100% Elongation	<b>2.9</b>	MPa	ASTM D 412
Shore A Hardness	<b>70</b>	-	ASTM D 2240
Tear Strength	<b>46.4</b>	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	<b>25</b>	%	ASTM D 395
Compression Set , 22 hr @ 158 °F	<b>80</b>	%	ASTM D 395

Other properties	Value	Unit	Test Standard
Density	<b>1170</b>	kg/m <sup>3</sup>	ASTM D 792

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

**Characteristics****Processing**

Injection Molding

**Regional Availability**

North America, Europe, Asia Pacific

**Delivery form**

Natural Color