

**RTP 6035-64A**

TPE

RTP Company

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.017</b>	mm/mm	ASTM D 955

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Modulus at 100% Elongation	<b>2.34</b>	MPa	ASTM D 412
Shore A Hardness	<b>64</b>	-	ASTM D 2240
Tear Strength	<b>52.5</b>	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	<b>23</b>	%	ASTM D 395

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>900</b>	kg/m <sup>3</sup>	ASTM D 792

<b>Processing Recommendation Injection Molding</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Pre-drying - Temperature	<b>76.7</b>	°C	-
Pre-drying - Time	<b>2</b>	h	-
Melt temperature	<b>177 - 216</b>	°C	-
Mold temperature	<b>10 - 32.2</b>	°C	-
Injection pressure	<b>27.6 - 55.2</b>	MPa	-

**Characteristics****Processing**

Injection Molding

**Regional Availability**

North America, Europe, Asia Pacific