

**RTP 3400 G-540**

LCP-GF

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>0.0002</b>	mm/mm	ASTM D 955

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Modulus	<b>18620</b>	MPa	ASTM D 638
Tensile Strength	<b>138</b>	MPa	ASTM D 638
Flexural Modulus	<b>15860</b>	MPa	ASTM D 790
Flexural Strength	<b>186</b>	MPa	ASTM D 790

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
UL 94 Flame rating	<b>V-0</b>	-	UL 94
Thickness tested	<b>0.794</b>	mm	-
DTUL @ 264 psi	<b>241</b>	°C	ASTM D 648

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Water Absorption, 24hr	<b>0.1</b>	%	ASTM D 570
Density	<b>1700</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>149</b>	°C	-
Pre-drying - Time	<b>8</b>	h	-
Melt temperature	<b>332 - 366</b>	°C	-
Mold temperature	<b>65.6 - 121</b>	°C	-
Injection pressure	<b>82.7 - 124</b>	MPa	-

**Characteristics****Processing**

Injection Molding

**Regional Availability**

North America, Europe, Asia Pacific