

**Plaslube® GS-71 1/8 55B**

Techmer Polymer Modifiers - Polyamide 612

**General**

Material Status	• Commercial: Active
Availability	• North America
Processing Method	• Injection Molding

**Properties <sup>1</sup>**

<b>Physical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Density / Specific Gravity	1.08		ASTM D792
<b>Mechanical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Tensile Modulus	391000	psi	ISO 527-1
Tensile Stress (Yield)	8100	psi	ISO 527-2
Tensile Strain (Break)	4.0	%	ISO 527-2
<b>Impact</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Notched Izod Impact (0.125 in)	1.5	ft·lb/in	ISO 180/A

**Processing Information**

<b>Injection</b>	<b>Nominal Value</b>	<b>Unit</b>
Drying Temperature	180	°F
Drying Time	2.0 to 4.0	hr
Rear Temperature	450 to 510	°F
Middle Temperature	460 to 520	°F
Front Temperature	470 to 530	°F
Nozzle Temperature	475 to 535	°F
Processing (Melt) Temp	460 to 540	°F
Mold Temperature	100 to 175	°F
Injection Rate	Slow-Moderate	
Back Pressure	0.00 to 100	psi
Screw Speed	Slow-Moderate	

