

**FORMPOLY PPSGF40**

PPS-GF40

Formulated Polymers Limited

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.004</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 Strength	<b>145</b>	MPa	ASTM D 638
Elongation at Break	<b>1</b>	%	ASTM D 638
Flexural Strength	<b>200</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>78.5</b>	J/m	ASTM D 256

<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
DTUL @ 264 psi	<b>260</b>	°C	ASTM D 648

<b>Electrical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Volume Resistivity	<b>&gt;1E15</b>	Ohm*cm	ASTM D 257

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1680</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Delivery form**

Pellets, Black

**Special Characteristics**

Flame retardant, Heat stabilized or stable to heat

**Features**

High Crystallinity, Low Odor

**Chemical Resistance**

General Chemical Resistance

**Regional Availability**

Asia Pacific