

**FORMPOLY PPSMF70**

PPS-(GF+MF)

Formulated Polymers Limited

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	0.003	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength	130	MPa	ASTM D 638
Elongation at Break	1	%	ASTM D 638
Flexural Strength	190	MPa	ASTM D 790
Izod Impact notched, 1/8 in	63.8	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
UL 94 Flame rating	V-0	-	UL 94
DTUL @ 264 psi	260	°C	ASTM D 648

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

Other properties	Value	Unit	Test Standard
Density	1910	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