

Plaslube® PPS/F 0187 S2

Techmer Polymer Modifiers - *Polyphenylene Sulfide*

Product Description

PPSM112345

General

Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Glass Fiber
Additive	• PTFE Lubricant
Features	• Metal Detectable
Appearance	• Colors Available • Colors Available
Forms	• Pellets
Processing Method	• Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.99	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	82.7	MPa	ASTM D638
Tensile Elongation (Break)	1.0	%	ASTM D638
Flexural Modulus	7580	MPa	ASTM D790
Flexural Strength	145	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	43	J/m	ASTM D256
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	135	°C
Drying Time	4.0	hr
Rear Temperature	304 to 360	°C
Middle Temperature	304 to 360	°C
Front Temperature	304 to 360	°C
Nozzle Temperature	304 to 360	°C
Processing (Melt) Temp	304 to 360	°C
Mold Temperature	121 to 163	°C

