



Pyramid SE2219 PPS

Pyramid SE2219 Wear Grade (10:10:10)

General	ASTM #	US Value	SI Unit
Form	---	Pellets (black)	
Composition (PolyPhyleneSulfide)	---	Carbon/PTFE/Graphite	
Filler Content (Nominal value)	---	30%	
Typical Applications	---	Bushing, valve seat, thrush washer, ESD	
Density, lb/in ³	D792	0.0560	1.55 g/ml
Linear Mold Shrinkage, in/in	D955	0.001	0.001 cm/cm
Moisture Absorption @24hr., %	D570	0.02	
Mechanical			
Tensile Strength (Break), Kpsi	D638	20.0	138 MPa
Tensile Modulus, Mpsi	D638	2.5	17.2 GPa
Elongation (Break),%	D638	1.0	
Flexural Strength (Yield) Kpsi	D790	28	193 MPa
Flexural Modulus Mpsi	D790	2.3	15.9 GPa
Izod, Notched, ft-lb/in @1/8"	D256	0.9	0.48 J/cm
Hardness, Rockwell M/Shore D	D2240/D792	M 98	D 88
Thermal			
Flammability Rating (UL 94)	UL 94	V-0	
HDT@264psi, °F	D648	491	255 °C
Electrical			
Surface Resistivity, Ohm/sq	EOS/ESD	1x10 ⁷	
Other			
Dynamic Coefficients of Friction	D1894	0.25	
Static Coefficients of Friction	D1894	---	



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