

PolyOne Edgetek® AS-1000 SD Unreinforced ABS - Antistatic Protection (discontinued **)

Category : Polymer , Thermoplastic , ABS Polymer

Material Notes:

Data provided by PolyOne.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Edgetek-AS-1000-SD-Unreinforced-ABS-Antistatic-Protection-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.06 g/cc	0.0383 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0050 cm/cm @Thickness 3.17 mm	0.0050 in/in @Thickness 0.125 in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	40.0 MPa	5800 psi	ASTM D638
Elongation at Break	2.0 %	2.0 %	ASTM D638
Tensile Modulus	2.40 GPa	348 ksi	ASTM D638
Izod Impact, Notched	1.33 J/cm @Thickness 6.35 mm	2.49 ft-lb/in @Thickness 0.250 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	93.0 °C	199 °F	ASTM D648

Electrical Properties	Metric	English	Comments
Surface Resistance	1.00e+9 - 1.00e+13 ohm	1.00e+9 - 1.00e+13 ohm	ASTM D257

Processing Properties	Metric	English	Comments
Melt Temperature	221 - 243 °C	430 - 469 °F	Stock
Mold Temperature	27.0 - 49.0 °C	80.6 - 120 °F	
Drying Temperature	82.0 °C	180 °F	

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