

Cossa Polimeri ESTABLEND PA 3000 ABS / Nylon 6 Blend

Category : Polymer , Thermoplastic , ABS Polymer , Nylon , Nylon 6

Material Notes:

ESTABLEND PA is a blend of acrylonitrile butadiene styrene and polyamide 6. Easy processing, high surface quality, high chemical resistance, good heat resistance. Information provided by Cossa Polimeri S.r.l.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cossa-Polimeri-ESTABLEND-PA-3000-ABS-Nylon-6-Blend.php

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/in ³	ISO 1183
Linear Mold Shrinkage	0.0050 - 0.0080 cm/cm	0.0050 - 0.0080 in/in	ISO 2577
Melt Flow	27 g/10 min @Load 10.0 kg, Temperature 240 °C	27 g/10 min @Load 22.0 lb, Temperature 464 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	30.0 MPa	4350 psi	ISO 527
Tensile Strength, Yield	40.0 MPa	5800 psi	ISO 527
Elongation at Break	20 %	20 %	ISO 527
Flexural Modulus	1.95 GPa	283 ksi	ISO 178
Izod Impact, Notched	0.600 J/cm @Temperature 23.0 °C	1.12 ft-lb/in @Temperature 73.4 °F	ISO 180/A

Thermal Properties	Metric	English	Comments
Vicat Softening Point	106 °C @Load 5.00 kg	223 °F @Load 11.0 lb	50°C/hr; ISO 306
	180 °C @Load 0.999 kg	356 °F @Load 2.20 lb	50°C/hr; ISO 306
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	
	HB @Thickness 3.20 mm	HB @Thickness 0.126 in	

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