

Engineered Plastics EPABS 54 ABS

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), Molded

Material Notes:

Injection Grade Pellets. GMP # 002. Property values below represent typical values. Information provided by Engineered Plastics Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Engineered-Plastics-EPABS-54-ABS.php

Physical Properties	Metric	English	Comments
Density	1.07 g/cc	0.0387 lb/in ³	ASTM D792
Melt Flow	5.0 g/10 min	5.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	34.4 MPa	4990 psi	ASTM D638
Elongation at Break	10 %	10 %	ASTM D638
Flexural Modulus	2.07 GPa	300 ksi	ASTM D790
Izod Impact, Notched	2.70 J/cm	5.06 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	70.0 °C	158 °F	Annealed; ASTM Data
	103 °C	217 °F	Unannealed; ASTM Data
Vicat Softening Point	104 °C	219 °F	ASTM D1525
Flammability, UL94	HB	HB	
	@Thickness 1.50 mm	@Thickness 0.0591 in	

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