

Hannam Chemical Hanalac 750 ABS, General Purpose

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

Material Notes:

FDA Approved. Good combination of impact strength, rigidity, gloss, heat resistance, processability, and thermal stability. May be injection molded. Its broad range of applications include: electronic home appliances (TVs, fans, mixers, switch panels), calculators and cash registers, telephones.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hannam-Chemical-Hanalac-750-ABS-General-Purpose.php

Physical Properties	Metric	English	Comments
Melt Flow	4.5 g/10 min	4.5 g/10 min	ASTM D1238G

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	108	108	ASTM D785
Tensile Strength, Ultimate	47.0 MPa	6820 psi	ASTM D638
Elongation at Break	30 %	30 %	ASTM D638
Flexural Yield Strength	64.0 MPa	9280 psi	ASTM D790
Flexural Modulus	2.34 GPa	339 ksi	ASTM D790
Izod Impact, Notched	2.50 J/cm @Thickness 3.17 mm	4.68 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	85.0 Â°C	185 Â°F	Heat Distortion Temp
Deflection Temperature at 1.8 MPa (264 psi)	85.0 Â°C	185 Â°F	ASTM D648
Vicat Softening Point	95.0 Â°C	203 Â°F	ASTM D1525
Flammability, UL94	HB	HB	

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