

Hannam Chemical Hanalac 770 ABS, Extrusion Grade

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

Material Notes:

FDA Approved. Excellent mechanical strength, high rigidity, and high impact strength. Good thermoformability. Applications: Refrigerators liners, bathtubs, automobile interiors, portable bags, name plates.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hannam-Chemical-Hanalac-770-ABS-Extrusion-Grade.php

Physical Properties	Metric	English	Comments
Melt Flow	1.2 g/10 min	1.2 g/10 min	ASTM D1238G

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	110	110	ASTM D785
Tensile Strength, Ultimate	49.0 MPa	7110 psi	ASTM D638
Elongation at Break	50 %	50 %	ASTM D638
Flexural Yield Strength	59.0 MPa	8560 psi	ASTM D790
Flexural Modulus	2.34 GPa	339 ksi	ASTM D790
Izod Impact, Notched	2.70 J/cm @Thickness 3.17 mm	5.06 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	88.0 Â°C	190 Â°F	Heat Distortion Temp
Deflection Temperature at 1.8 MPa (264 psi)	88.0 Â°C	190 Â°F	ASTM D648
Vicat Softening Point	88.0 Â°C	190 Â°F	ASTM D1525
Flammability, UL94	HB	HB	

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