

Hannam Chemical Hanalac 740 ABS, Super High Impact Grade

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

Material Notes:

Superior impact strength, even at low temperature. Applications: helmets, shoe heels, bobbins, roller skates, bags, pipes, radiator grills, auto parts, appliance wheels.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hannam-Chemical-Hanalac-740-ABS-Super-High-Impact-Grade.php

Physical Properties	Metric	English	Comments
Melt Flow	2.1 g/10 min	2.1 g/10 min	ASTM D1238G

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	41.0 MPa	5950 psi	ASTM D638
Elongation at Break	60 %	60 %	ASTM D638
Flexural Yield Strength	59.0 MPa	8560 psi	ASTM D790
Flexural Modulus	2.05 GPa	297 ksi	ASTM D790
Izod Impact, Notched	3.60 J/cm @Thickness 3.17 mm	6.74 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	80.0 Â°C	176 Â°F	Heat Distortion Temp
Deflection Temperature at 1.8 MPa (264 psi)	80.0 Â°C	176 Â°F	ASTM D648
Vicat Softening Point	92.0 Â°C	198 Â°F	ASTM D1525
Flammability, UL94	HB	HB	

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