

Shuman 710H Utility Black ABS

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

Material Notes:

Good impact strength, easy processability, good chemical resistance
Information provided by Shuman Plastics, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Shuman-710H-Utility-Black-ABS.php

Physical Properties	Metric	English	Comments
Density	1.04 g/cc	0.0376 lb/in ³	ASTM D792
Melt Flow	2.0 - 6.0 g/10 min	2.0 - 6.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	102	102	ASTM D785
Izod Impact, Notched	2.40 - 2.94 J/cm @Thickness 3.17 mm	4.50 - 5.50 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	76.1 Â°C	169 Â°F	ASTM D648

Processing Properties	Metric	English	Comments
Processing Temperature	177 - 216 Â°C	350 - 420 Â°F	Extrusion
	204 - 227 Â°C	400 - 440 Â°F	Injection
Drying Temperature	76.7 - 93.3 Â°C @Time 14400 - 86400 sec	170 - 200 Â°F @Time 4.00 - 24.0 hour	Tray Dryer
	87.8 - 93.3 Â°C @Time 7200 - 86400 sec	190 - 200 Â°F @Time 2.00 - 24.0 hour	Dehumidifying Dryer

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