

## Multibase Multi-ABS 801 Natural Extrusion Grade

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

**Material Notes:**

Data provided by Multibase.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Multibase-Multi-ABS-801-Natural-Extrusion-Grade.php](http://www.lookpolymers.com/polymer_Multibase-Multi-ABS-801-Natural-Extrusion-Grade.php)

Physical Properties	Metric	English	Comments
Density	1.04 g/cc	0.0376 lb/in <sup>3</sup>	ASTM D792-91
Linear Mold Shrinkage	0.0050 cm/cm	0.0050 in/in	ASTM D955-89
Melt Flow	2.5 g/10 min @Load 3.80 kg, Temperature 230 Â°C	2.5 g/10 min @Load 8.38 lb, Temperature 446 Â°F	ASTM D-1238-94a

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	96	96	ASTM D785-95
Tensile Strength, Ultimate	44.8 MPa	6500 psi	ASTM D638-95
Elongation at Break	15 %	15 %	ASTM D638-95
Flexural Strength	63.8 MPa	9250 psi	ASTM D790-95
Flexural Modulus	2.31 GPa	335 ksi	RT; ASTM D-790-95
Izod Impact, Notched	3.74 J/cm	7.01 ft-lb/in	ASTM D256-93a
Gardner Impact	12.4 J	9.15 ft-lb	ASTM D5420-93

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	83.0 Â°C	181 Â°F	injection molded unannealed; ASTM D-648-95
	98.0 Â°C	208 Â°F	injection molded annealed; ASTM D-648-95
Vicat Softening Point	92.0 Â°C	198 Â°F	ASTM D1525-95
Flammability, UL94	HB	HB	
	@Thickness 1.59 mm	@Thickness 0.0625 in	

## Contact Songhan Plastic Technology Co.,Ltd.

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