

EPITEC® ABS-803

Acrylonitrile Butadiene Styrene

Osterman & Company

Message:

EPITEC®ABS-803 is an acrylonitrile butadiene styrene (ABS) material. This product is available in North America. EPITEC®The main characteristics of the ABS-803 are: flame retardant/rated flame.

General Information			
Features	General		
Uses	General		
Appearance	Natural color		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	5.2	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.40 - 0.60	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	112		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2520	MPa	ASTM D638
Tensile Strength	40.0	MPa	ASTM D638
Flexural Modulus	2550	MPa	ASTM D790
Flexural Strength	72.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	160	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	85.0	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (1.5 mm)	HB		UL 94

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Recommended distributors for this material

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