

EPIMAX® ABS-806HG

Acrylonitrile Butadiene Styrene

Osterman & Company

Message:

EPIMAX® ABS-806HG is an acrylonitrile butadiene styrene (ABS) material. This product is available in North America.

EPIMAX® The main features of the ABS-806HG are:

flame retardant/rated flame

high gloss

General Information			
Features	Highlight		
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)	5.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.40 - 0.60	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	109		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2550	MPa	ASTM D638
Tensile Strength	42.1	MPa	ASTM D638
Flexural Modulus	2620	MPa	ASTM D790
Flexural Strength	72.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	370	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	Unit	Test Method
Flame Rating (1.5 mm)	HB		UL 94
Optical	Nominal Value	Unit	Test Method
Gardner Gloss (60°)	95		ASTM D523

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Recommended distributors for this material

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