

EnCom ABS450

Acrylonitrile Butadiene Styrene

EnCom, Inc.

Message:

EnCom ABS450 is an Acrylonitrile Butadiene Styrene (ABS) material. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America for injection molding or profile extrusion.

Typical applications include:

Automotive

Business/Office Goods

General Information	
Uses	Automotive Applications
	Business Equipment
Appearance	Black
	Colors Available
	Natural Color
Forms	Pellets
Processing Method	Injection Molding
	Profile Extrusion

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)	3.5	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.18 mm)	4.0	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	43.4	MPa	ASTM D638
Flexural Modulus	2410	MPa	ASTM D790
Flexural Strength	68.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	240	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.18 mm)	82.2	°C	ASTM D648

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Recommended distributors for this material

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