

NEXT SIGNATURE ABS E35-100

Acrylonitrile Butadiene Styrene

NEXT Specialty Resins, Inc.

Message:

NEXT SIGNATURE ABS E35-100 is an Acrylonitrile Butadiene Styrene (ABS) material. It is available in North America for extrusion. Primary attribute of NEXT SIGNATURE ABS E35-100: Impact Resistant.

Typical applications include:

Appliances

Electrical/Electronic Applications

General Information			
Features	Good Impact Resistance		
Uses	Appliance Components		
	Electrical/Electronic Applications		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	1.5	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	105		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2070	MPa	ASTM D638
Tensile Strength	35.9	MPa	ASTM D638
Tensile Elongation (Break)	25	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	160	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	79.4	°C	ASTM D648

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Recommended distributors for this material

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