

# NEXT SIGNATURE ABS E35-100HG

Acrylonitrile Butadiene Styrene

NEXT Specialty Resins, Inc.

## Message:

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

Typical applications include:

Appliances

Electrical/Electronic Applications

General Information			
Features	Good Impact Resistance Good Strength		
Uses	Appliances Electrical/Electronic Applications		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR)	7.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	100		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2070	MPa	ASTM D638
Tensile Strength	35.2	MPa	ASTM D638
Tensile Elongation (Break)	25	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	180	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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