

NEXT SIGNATURE PA6 EG-100

Polyamide 6
NEXT Specialty Resins, Inc.

Message:

NEXT SIGNATURE PA6 EG-100 is a Polyamide 6 (Nylon 6) material. It is available in North America for extrusion.

Important attributes of NEXT SIGNATURE PA6 EG-100 are:

Chemical Resistant

Heat Resistant

High Viscosity

Typical applications include:

Appliances

Electrical/Electronic Applications

General Information			
Features	Good Chemical Resistance		
	High Heat Resistance		
	High Viscosity		
Uses	Appliance Components		
	Electrical/Electronic Applications		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	6.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	115		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	75.8	MPa	ASTM D638
Tensile Elongation (Break)	130	%	ASTM D638
Flexural Modulus	2550	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	53	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	60.0	°C	ASTM D648

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Recommended distributors for this material

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