

NEXT SIGNATURE PA6 MG-100

Polyamide 6
NEXT Specialty Resins, Inc.

Message:

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

Important attributes of NEXT SIGNATURE PA6 MG-100 are:

Good Processability
Low Viscosity
Typical application of NEXT SIGNATURE PA6 MG-100: Automotive

General Information			
Features	Good Moldability		
	Low Viscosity		
Uses	Automotive Applications		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	38	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	68.9	MPa	ASTM D638
Tensile Elongation (Break)	60	%	ASTM D638
Flexural Modulus	4690	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	48	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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