

# NEXT PCR PA6 GM40-300PCR

Polyamide 6

NEXT Specialty Resins, Inc.

## Message:

NEXT PCR PA6 GM40-300PCR is a Polyamide 6 (Nylon 6) material filled with 40% glass\mineral. It is available in North America.

Important attributes of NEXT PCR PA6 GM40-300PCR are:

Eco-Friendly/Green

Good Dimensional Stability

Heat Resistant

Typical application of NEXT PCR PA6 GM40-300PCR: Automotive

General Information			
Filler / Reinforcement	Glass\Mineral,40% Filler by Weight		
Recycled Content	Yes		
Features	Good Dimensional Stability		
	High Heat Resistance		
Uses	Automotive Applications		
Appearance	Black		
Forms	Pellets, Reprocessed		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.48	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	37 to 43	g/10 min	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	103	MPa	ASTM D638
Tensile Elongation (Break)	2.0	%	ASTM D638
Flexural Modulus	190	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	69	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	199	°C	ASTM D648

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## Recommended distributors for this material

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