

NEXT SIGNATURE PA6 G33-300

Polyamide 6

NEXT Specialty Resins, Inc.

Message:

NEXT SIGNATURE PA6 G33-300 is a Polyamide 6 (Nylon 6) material filled with 33% glass fiber. It is available in North America. Primary attribute of NEXT SIGNATURE PA6 G33-300: Heat Resistant.

Typical application of NEXT SIGNATURE PA6 G33-300: Furniture

General Information			
Filler / Reinforcement	Glass Fiber,33% Filler by Weight		
Features	Good Strength		
	High Heat Resistance		
Uses	Furniture		
Appearance	Black		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.38	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	120		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	172	MPa	ASTM D638
Tensile Elongation (Break)	2.0	%	ASTM D638
Flexural Modulus	8620	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	207	°C	ASTM D648

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Recommended distributors for this material

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