

# Niche PA6BK

Polyamide 6  
Niche Polymer, LLC

Message:  
Niche PA6BK is a Polyamide 6 (Nylon 6) material. It is available in North America.

General Information			
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Molding Shrinkage - Flow	1.3	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	75.8	MPa	ASTM D638
Tensile Elongation (Break)	60	%	ASTM D638
Flexural Modulus	2690	MPa	ASTM D790
Flexural Strength	103	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C, 3.18 mm)	59	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	64.0	°C	ASTM D648
Melting Temperature	216 to 227	°C	ASTM D789

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## Recommended distributors for this material

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