

# Clariant Nylon 6 PA223

Polyamide 6  
Clariant Corporation

Message:

Clariant Nylon 6 PA223 is a Polyamide 6 (Nylon 6) material. It is available in North America. Primary attribute of Clariant Nylon 6 PA223: Good Toughness.  
Typical application of Clariant Nylon 6 PA223: Automotive

General Information			
Features	Good Toughness		
Uses	Automotive Applications		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.08	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	1.2	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	65.5	MPa	ASTM D638
Tensile Elongation (Break)	80	%	ASTM D638
Flexural Modulus	2210	MPa	ASTM D790
Flexural Strength	82.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	160	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	73.9	°C	ASTM D648

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