

# CP PRYME® Nylon 612 NST143G

Polyamide 612  
Chase Plastics Services Inc.

Message:

CP PRYME® Nylon 612 NST143G is a polyamide 612 (nylon 6/12) product, which contains a 43% glass fiber reinforced material. It is available in North America.

General Information				
Filler / Reinforcement		Glass fiber reinforced material, 43% filler by weight		
Appearance		Natural color		
Forms		Particle		
Physical	Dry	Conditioned	Unit	Test Method
Specific Gravity	1.46	--	g/cm <sup>3</sup>	ASTM D792
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Strength (23°C)	165	145	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	4.5	--	%	ASTM D638
Flexural Modulus (23°C)	8480	6890	MPa	ASTM D790
Flexural Strength (Yield, 23°C)	241	207	MPa	ASTM D790
Impact	Dry	Conditioned	Unit	Test Method
Notched Izod Impact (23°C)	110	130	J/m	ASTM D256
Thermal	Dry	Conditioned	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	210	210	°C	ASTM D648
Additional Information				

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Tensile Elongation @ Break, ASTM D638, 23°C: 4 to 5 %

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Recommended distributors for this material

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