

NYCOA Polyamide 2256

Polyamide 6

Nycoa (Nylon Corporation of America)

Message:

NYCOA 2256 is a 30% glass fiber reinforced/impact modified nylon 6 resin that features exceptional toughness, stiffness, and dimensional stability. NYCOA 2256 is suitable for injection molding and is recommended in applications in the hardware and automotive industries. NYCOA 2256 is available in heat and light stable grades and custom colors.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 30% filler by weight		
Additive	Impact modifier		
Features	Ultra high toughness		
	Super rigidity		
	Good dimensional stability		
	Impact modification		
Uses	Application in Automobile Field		
Appearance	Available colors		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33	g/cm ³	ASTM D792
Water Absorption (24 hr)	0.95	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹	131	MPa	ASTM D638
Tensile Elongation ² (Break)	8.0	%	ASTM D638
Flexural Modulus ³	6810	MPa	ASTM D790
Flexural Strength ⁴	161	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (6.35 mm)	120	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	221	°C	DSC
Additional Information			
The value listed as Melting Point DSC, was tested in accordance with ASTM D789.			
NOTE			
1.	51 mm/min		
2.	51 mm/min		
3.	51 mm/min		
4.	51 mm/min		

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Recommended distributors for this material

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