

NYCOA Polyamide 5201 HS

Polyamide 66

Nycoa (Nylon Corporation of America)

Message:

NYCOA 5201 HS is a modified Nylon 6,6 that offers outstanding toughness, exceptional processability, and a greater service life at elevated temperatures than standard grades of nylon 6,6.
This material is specially formulated to provide improved flexibility and ductility vs standard Nylon 6,6.
NYCOA 5201 HS is available in light stable grades, as well as customer colors.

General Information			
Additive	Impact Modifier		
Features	Ductile		
	Good Flexibility		
	Good Heat Aging Resistance		
	Good Processability		
	Good Toughness		
	Impact Modified		
Appearance	Colors Available		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	119		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹	70.0	MPa	ASTM D638
Tensile Elongation ² (Break)	15	%	ASTM D638
Flexural Modulus ³	2430	MPa	ASTM D790
Flexural Strength ⁴	95.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	53	J/m	ASTM D256
Thermal	Nominal Value	Unit	
Melting Temperature	258	°C	
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

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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