NYCOA Polyamide 2246

Polyamide + TPE

Nycoa (Nylon Corporation of America)

Message:

NYCOA 2246 is a highly flexible Nylon copolymer TPE developed for both injection molding and extrusion applications. The chemical composition of 2246 delivers improved impact performance at ambient or low temperatures and increased flexibility to meet hig

NYCOA 2246 processes easily at low injection pressure compared to other impact modified Nylons and can be molded or extruded on standard equipment.

NYCOA 2246 is recommended for applications that require premium toughness and durability such as sporting goods, appliance parts, and hardware items.

Additive Plasticizer Features Copolymer Impact resistance, good Workability, good Good flexibility Good flexibility Low temperature impact resistance Durability Good themical resistance Durability Good toughness Uses Home appliance components Spring goods Forms Particle Processing Method Extrusion Injection molding Injection molding Physical Nominal Value Vint Molding Shinkage 12 % ASTM D955 Fow 12 % ASTM D955 Ware Absorption (24 h) 1,7 % ASTM D955 Ware Absorption (24 h) 1,7 % ASTM D955 Ware Absorption (24 h) 1,7 % ASTM D955 Maderse Shore D) 70 Test Method Test Method Durometer Hardness (Shore D) 70 Test Method Test Method Tensile Etrongsth ¹ 52.1 MPa ASTM D953 Hevanial Value Vint Test Method Durometer Ha	General Information					
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	Tensile Elongation ² (Break)	300	%	ASTM D638		
Flexural Strength ⁴ 16.0 MPa ASTM D790	Flexural Modulus ³	500	MPa	ASTM D790		
	Flexural Strength ⁴	16.0	МРа	ASTM D790		

Impact	Nominal Value	Unit	Test Method		
Notched Izod Impact (6.35 mm)	190	J/m	ASTM D256		
Thermal	Nominal Value	Unit	Test Method		
Melting Temperature	205	°C	DSC		
Additional Information					
Tensile Elongation at Break, ASTM D638, 2 in/min: 300+%The value listed as Melting Point DSC, was tested in accordance with ASTM D789.					
NOTE					
1.	50 mm/min				
2.	50 mm/min				
3.	50 mm/min				
4.	50 mm/min				

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