

Chemlon® 109 HU

Polyamide 66

Teknor Apex Company (Chem Polymer)

Message:

Chemlon® 109 HU is a Polyamide 66 (Nylon 66) material. It is available in Asia Pacific, Europe, or North America for injection molding.

Important attributes of Chemlon® 109 HU are:

- Good Toughness
- Good UV Resistance
- Heat Stabilizer
- Impact Modified
- Lubricated

General Information			
Additive	Heat Stabilizer		
	Impact Modifier		
	Lubricant		
	UV Stabilizer		
Features	Good UV Resistance		
	Heat Stabilized		
	Impact Modified		
	Lubricated		
	Ultra High Toughness		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.09	g/cm ³	ASTM D792
Molding Shrinkage - Flow	2.3	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	49.0	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	95	%	ASTM D638
Flexural Modulus (23°C)	1720	MPa	ASTM D790
Flexural Strength (23°C)	62.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	850	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	50.0	°C	ASTM D648
Melting Temperature	252	°C	

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Recommended distributors for this material

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