

Chemlon® 102 H

Polyamide 66

Teknor Apex Company (Chem Polymer)

Message:

Chemlon® 102 H is a Polyamide 66 (Nylon 66) material. It is available in Asia Pacific, Europe, or North America for injection molding.

Important attributes of Chemlon® 102 H are:

- Good Processability
- Good Toughness
- Heat Stabilizer
- High Strength
- Rigid

General Information			
Additive	Heat Stabilizer		
Features	Good Processability		
	Good Toughness		
	Heat Stabilized		
	High Rigidity		
	High Strength		
	Nucleated		
Appearance	Black		
	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14	g/cm³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	89.6	MPa	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Flexural Modulus	3240	MPa	ASTM D790
Flexural Strength	123	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	53	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	76.7	°C	ASTM D648
Melting Temperature	254	°C	

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Recommended distributors for this material

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