

Chemlon® 225 GH

Polyamide 6

Chem Polymer Corporation

General			
Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Filler / Reinforcement	• Glass Fiber Reinforcement, 25% Filler by Weight		
Additive	• Heat Stabilizer	• Lubricant	
Features	• Good Dimensional Stability	• Heat Stabilized	
	• Good Impact Resistance	• Lubricated	
Appearance	• Black	• Natural Color	
Forms	• Pellets		
Processing Method	• Injection Molding		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	148	MPa	ASTM D638
Tensile Elongation (Break)	2.5	%	ASTM D638
Flexural Modulus	6410	MPa	ASTM D790
Flexural Strength	217	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	107	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
1.8 MPa, Unannealed	210	°C	
Melting Temperature	216	°C	

Notes

¹ Typical properties: these are not to be construed as specifications.