

# Eleme NGH200IG

High Density Polyethylene  
Eleme Petrochemical Company Ltd

Message:

NGH200IG High Density Polyethylene Resin manufactured by IEPL using "SCLAIRTECH" solution polymerisation process of DU Pont, Canada (Now Nova Chemicals) offers medium molecular weight material with very narrow molecular weight distribution to impart excellent mechanical properties, high gloss and surface finishing to injection moulded parts like general housewares, toys, containers, caps, lids, small pails, etc.

General Information			
Features	Good dimensional stability		
	Highlight		
	Impact resistance, high		
	Workability, good		
	Excellent appearance		
	Narrow molecular weight distribution		
	Medium molecular weight		
Uses	Cover		
	Shield		
	Household goods		
	Container		
	Barrel		
	Toys		
Appearance	Natural color		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.958	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	19	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	69		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	25.0	MPa	ASTM D638
Tensile Elongation (Break)	500	%	ASTM D638
Flexural Modulus	900	MPa	ASTM D790
Flexural Strength (Yield)	30.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact	88	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	126	°C	ASTM D1525

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Recommended distributors for this material

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