

G-Lex B55HM0003

High Density (HMW) Polyethylene
Gas Authority of India Limited

Message:

G-Lex B55HM0003 is a High Density (HMW) Polyethylene material. It is available in Asia Pacific for blow molding.
Important attributes of G-Lex B55HM0003 are:
Impact Resistant
Good Processability
Good Weather Resistance
High ESCR (Stress Crack Resistant)
High Molecular Weight
Typical application of G-Lex B55HM0003: Containers

General Information			
Features	Good Processability		
	Good Weather Resistance		
	High ESCR (Stress Crack Resist.)		
	High Impact Resistance		
	High Molecular Weight		
	Low Temperature Impact Resistance		
Uses	Containers		
	Drums		
Forms	Pellets		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.955	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR)			ASTM D1238
190°C/2.16 kg	0.050	g/10 min	
190°C/21.6 kg	9.0	g/10 min	
Environmental Stress-Cracking Resistance (10% Igepal, F50)	> 600	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	22.6	MPa	ASTM D638
Tensile Elongation (Yield)	13	%	ASTM D638
Flexural Modulus	861	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	No Break		ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	129	°C	ASTM D1525

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Recommended distributors for this material

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