

G-Lex B52A003

High Density Polyethylene
Gas Authority of India Limited

Message:

G-Lex B52A003 is a High Density Polyethylene material. It is available in Asia Pacific for blow molding.
Important attributes of G-Lex B52A003 are:
Impact Resistant
Antioxidant
Good Processability
Good Weather Resistance
High ESCR (Stress Crack Resistant)
Typical application of G-Lex B52A003: Containers

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Good Processability		
	Good Weather Resistance		
	High ESCR (Stress Crack Resist.)		
	High Impact Resistance		
	Low Temperature Impact Resistance		
Uses	Containers		
	General Purpose		
Forms	Pellets		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.952	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.30	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (10% Igepal, F50)	> 400	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	23.5	MPa	ASTM D638
Tensile Elongation (Yield)	11	%	ASTM D638
Flexural Modulus	696	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	200	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	122	°C	ASTM D1525

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Recommended distributors for this material

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