

# G-Lene PB48A004

High Density Polyethylene  
Gas Authority of India Limited

Message:

PB48A004 (HDPE black compound) have been extensively used for coating on steel pipes used for gas transportation. The grade has excellent processability, ESCR, carbon black dispersion, abrasion resistance characteristics etc.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Dispersible		
	Good Abrasion Resistance		
	High Density		
	High ESCR (Stress Crack Resist.)		
Uses	Coating Applications		
	Pipe Coatings		
	Piping		
Forms	Pellets		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.948	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.30	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	18.6	MPa	ASTM D638
Tensile Elongation (Yield)	15	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	118	°C	ASTM D1525

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