



Provisional

B60003

HIGH DENSITY POLYETHYLENE BLOW MOULDING GRADE

B60003 is a High Density Polyethylene (HDPE) grade recommended for manufacturing of general purpose blow molded containers with good rigidity, dimensional stability and top load strength.

TYPICAL CHARACTERISTICS*

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE**
Melt Flow Index (190°C / 5 Kg)	ASTM D 1238	g/10 min.	1.5
Density (23°C)	ASTM D 1505	g/cc	0.960
Tensile Strength at Yield	ASTM D 638	MPa	27.4
Elongation at Break	ASTM D 638	%	480
Flexural Modulus (Tangent Modulus)	ASTM D 790	MPa	925
Hardness	ASTM D 2240	Shore D	70
Vicat Softening Point	ASTM D 1525	°C	128

* Typical characteristics and not to be taken as specifications

** Mechanical properties are on Injection molded specimens

APPLICATIONS:

Relene B60003 is suitable for lube oil, edible oil and all general purpose containers.

Storage Recommendations

- Bags should be stored in dry/closed conditions at temperatures below 50°C and protected from UV / direct sunlight.

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