



B5502

HIGH DENSITY POLYETHYLENE GENERAL PURPOSE BLOW MOULDING GRADE

Relene B5502 is a High-Density Polyethylene grade for general purpose extrusion blow molding applications. It also offers excellent melt strength, very good swell characteristics and easy processability. Articles processed from this grade exhibit excellent balance of stiffness, impact strength. This grade can be used for general-purpose applications.

Typical Characteristics*			
Property	Test Method	Unit	Typical Value**
Melt Flow Index (190°C/5.0 kg)	ASTM D1238	gm/10 min	1.4
Density (23°C)	ASTM D 1505	gm/cm ³	0.955
Tensile Strength at Yield	ASTM D638	MPa	26
Elongation at Yield	ASTM D638	%	11
Elongation at Break	ASTM D638	%	750
Flexural Modulus	ASTM D790	MPa	1100
Vicat Softening Point	ASTM D1525	°C	128

*Typical Characteristics and not to be taken as specifications

**Mechanical Properties are on Compression molded specimen

Applications:

- General purpose blow molded containers, jerry cans up to 15 liters.

Regulatory Information:

- For regulatory information please contact organization representative.

Storage Recommendations:

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