

## Extrusion and Blow Molding

### Applications

- Top Drums
- Jerry Cans
- Packaging for dangerous goods
- Blow molding applications

### Characteristics

- High impact resistance
- High rigidity and chemical resistance
- Good ESCR
- Comes in powder form and includes antioxidants

*\* Not intended for use in medical and pharmaceutical applications*

Property	Value	Unit	Method
High Load MI, 190°C/21.6kg	20	g/10min	ISO 1133
Density	0.954	g/cm <sup>3</sup>	ISO 1183
Bulk Density	>0.460	g/cm <sup>3</sup>	ISO 60
Tensile Modulus, 23°C	1200	MPa	ISO 527-1,-2
Tensile Stress at Yield, 23°C	27.0	MPa	ISO 527-1,-2
Tensile Strain at Yield	9.0	%	ISO 527-1,-2
Tensile Impact Strength	250	KJ/m <sup>2</sup>	ISO 8256
Hardness (H 132/30)	52.0	MPa	ISO 2039-1
Vicat Softening Temp. (50°C/h 10n)	132	°C	ISO 306
Vicat Softening Temp. (50°C/h 50n)	80.0	°C	ISO 306
Heat Deflection Temp. (.45 MPa)	75.0	°C	ISO 75B-1, -2
Heat Deflection Temp. (1.80 MPa)	44.0	°C	ISO 75A-1, -2
Melting Temperature	134	°C	ISO 3146
ESCR, Condition B, F <sub>50</sub>	12	hours	ISO 16770

This information, to our knowledge, is believed to be correct. The use of this product in its actual conditions are beyond our control and satisfactory results for this product is the customer's sole responsibility. User must make their own decisions regarding its suitability for their equipment and final products.

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