

LUTENE-H ME9180

High Density Polyethylene

Applications

- Complicated parts, Light-weight household, Extrusion coating

Description

- LUTENE-H ME9180 is mainly intended for injection molding of complicated parts.
- It has high productivity and good appearance.

Typical properties

Characteristics	Test Method	Unit	Value
Physical⁽¹⁾			
Density	ASTM D792	g/cm ³	0.958
MFR(190 °C, 2.16Kg)	ASTM D1238	g/10min	18.0
Softening Point (Vicat)	ASTM D1525	°C	123
Mechanical⁽²⁾			
Tensile Strength at Yield point	ASTM D638 ⁽³⁾	kg/cm ²	290
Elongation at Break	ASTM D638 ⁽³⁾	%	>500
Shore hardness(Shore D)	ASTM D2240	-	64
Flexural Modulus1% Secant	ASTM D790	kg/cm ²	10,000
IZOD Impact Strength at 23 °C (notched)	ASTM D256	kg·cm/cm	4
Thermal			
Melting Temperature	LG	°C	132

(1) The properties data in this table are typical values, and not guaranteed specification.

(2) Typical resin property values are measured on a standard compression molded specimens

(3) Speed of 50 mm/min.

Processing information

- LUCENE-H ME9180 may be processed on conventional equipment. It is recommended that the melt temperature be kept below 250 °C as decomposition can occur at higher temperature.