

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/cm³	0.958
MFR(190℃,2.16Kg)	ASTM D1238	g/10min	18.0
Softening Point (Vicat)	ASTM D1525	℃	123
Mechanical ⁽²⁾			
Tensile Strength at Yield point	ASTM D638 ⁽³⁾	kg/cm²	290
Elongation at Break	ASTM D638 ⁽³⁾	%	>500
Shore hardness(Shore D)	ASTM D2240	-	64
Flexural Modulus1% Secant	ASTM D790	kg/cm²	10,000
IZOD Impact Strength at 23℃ (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.

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.

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

⁽³⁾ Speed of 50 mm/min.