SABIC® VESTOLEN A 6060

HIGH DENSITY POLYETHYLENE

DESCRIPTION

Description.
SABIC® Vestolen A 6060 is a natural bimodal high density polyethylene (HDPE) resin.
Typical applications include semi-finished goods like sheets as well as non-pressure pipe applications such as cable conduits.

This product is not intended for and must not be used in any pharmaceutical/medical applications.

TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES			
Colour	Natural	-	-
Melt Flow Rate			
at 190 °C and 2.16 kg	0.1	dg/min	ISO 1133
at 190 °C and 5 kg	0.3	dg/min	ISO 1133
Density	950	kg/m³	ASTM D1505
MECHANICAL PROPERTIES			
Tensile test (1) (2)			
stress at yield	25	MPa	ISO 527-2
strain at yield	9	%	ISO 527-2
tensile modulus	1000	MPa	ISO 527-2
THERMAL PROPERTIES			
DSC test			
melting point	124 – 128	°C	DIN 53765

(1) Test specimen according to ISO 527-2 type 1BA, thickness 2 mm
(2) Speed of testing: 50 mm/min

HEALTH, SAFETY AND FOOD CONTACT REGULATIONS

Detailed information is provided in the relevant Material Safety Datasheet and or Standard Food Declaration, available on the Internet (www.SABIC.com). Additional specific information can be requested via your local Sales Office.

QUALITY

SABIC is fully certified in accordance with the internationally accepted quality standard ISO 9001.

STORAGE AND HANDLING

Polyethylenes resins (in pelletised or powder form) should be stored in such a way that it prevents exposure to direct sunlight and/or heat, as this may lead to quality deterioration. The storage location should also be dry, dust free and the ambient temperature should not exceed 50 °C. Not complying with these precautionary measures can lead to a degradation of the product which can result in colour changes, bad smell and inadequate product performance. It is also advisable to process polyethylene resins (in pelletised or powder form) within 6 months after delivery, this because also excessive aging of polyethylene can lead to a deterioration in quality.