

SABIC[®] VESTOLEN A 5061

HIGH DENSITY POLYETHYLENE

DESCRIPTION

SABIC[®] Vestolen A 5061 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	0.4	dg/min	ISO 1133
Density	950	kg/m ³	ASTM D1505
MECHANICAL PROPERTIES			
Tensile test ^{(1) (2)}			
stress at yield	23	MPa	ISO 527-2
strain at yield	9	%	ISO 527-2
tensile modulus	1000	MPa	ISO 527-2
THERMAL PROPERTIES			
DSC test			
melting point	123 – 127	°C	DIN 53765

(1) Test specimen according to ISO 527-2 type 1BA, thickness 2 mm

(2) Speed of testing: 50 mm/min

QUALITY

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