

SABIC® Vestolen A 5061

High Density Polyethylene

Saudi Basic Industries Corporation (SABIC)

Message:

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.

General Information			
Features	Bimodal Molecular Weight Distribution		
	High Density		
Uses	Conduit		
	Piping		
	Sheet		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.950	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	0.40	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (2.00 mm, Compression Molded)	1000	MPa	ISO 527-2/1BA/50
Tensile Stress (Yield, 2.00 mm, Compression Molded)	23.0	MPa	ISO 527-2/1BA/50
Tensile Strain (Yield, 2.00 mm, Compression Molded)	9.0	%	ISO 527-2/1BA/50
Thermal	Nominal Value	Unit	Test Method
Melting Temperature (DSC)	123 to 127	°C	DIN 53765

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