

SABIC® Vestolen A 4062R y

High Density Polyethylene

Saudi Basic Industries Corporation (SABIC)

Message:

SABIC® Vestolen A 4062R y is a high density polyethylene product. It can be processed by pipeline extrusion molding or extrusion, and is available in Europe. SABIC® The application fields of Vestolen A 4062R y include thin plates, containers, food contact applications and water pipes/pipes/drinking water.

General Information			
Uses	Piping system		
	Sheet		
	Container		
Agency Ratings	EEC 2002/72/EC		
	FDA 21 CFR 177.1520		
Appearance	Yellow		
Forms	Particle		
Processing Method	Pipeline extrusion molding		
	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.944	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)			ISO 1133
190°C/2.16 kg	0.20	g/10 min	ISO 1133
190°C/5.0 kg	0.80	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec, Compression Molded)	59		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (2.00 mm, Compression Molded)	850	MPa	ISO 527-2/1BA/50
Tensile Stress (Yield, 2.00 mm, Compression Molded)	22.0	MPa	ISO 527-2/1BA/50
Tensile Strain (Yield, 2.00 mm, Compression Molded)	10	%	ISO 527-2/1BA/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	6.0	kJ/m ²	ISO 179/1eA
23°C	15	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			

0.45 MPa, not annealed	65.0	°C	ISO 75-2/B
1.8 MPa, not annealed	41.0	°C	ISO 75-2/A
Vicat Softening Temperature	65.0	°C	ISO 306/B50

Additional Information

OIT 210°C, EN 728: >20 minMRS Classification, ISO 12162: 8 MPaMelting Point, SABIC Method, DSC: 122 to 126°CRAL Number: 1018Color Code: 62429

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

