

VALOX™ VIC4311 resin

Polybutylene Terephthalate

SABIC Innovative Plastics

Message:

VALOX™VIC4311 resin is a polybutene terephthalate (PBT) material. This product is available in the Asia-Pacific region.

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.43	g/cm ³	ASTM D792
Molding Shrinkage - Flow			Internal method
3.20 mm	0.20 - 0.40	%	Internal method
6.40 mm	0.60 - 0.80	%	Internal method
Water Absorption (24 hr)	0.070	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	96.1	MPa	Internal method
Tensile Elongation (Break)	5.0	%	Internal method
Flexural Modulus	6080	MPa	ASTM D790
Flexural Strength	129	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	140	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, unannealed, 3.20mm	220	°C	ASTM D648
1.8 MPa, unannealed, 3.20mm	205	°C	ASTM D648
CLTE - Flow (-30 to 30°C)	3.0E-5	cm/cm/°C	ASTM E831
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+16	ohms	ASTM D257
Dielectric Constant			ASTM D150
50 Hz	3.00		ASTM D150
60 Hz	3.00		ASTM D150

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



WECHAT