

Witcom PE 4L1

Polyethylene

Witcom Engineering Plastics B.V.

Message:

Witcom PE 4L1 is a Polyethylene product. It is available in Europe.

Characteristics include:

Flame Rated

Lubricated

General Information			
Additive	PTFE Lubricant (20%)		
Features	Lubricated		
Physical	Nominal Value	Unit	Test Method
Density	1.06	g/cm ³	ISO 1183
Molding Shrinkage - Flow (3.00 mm)	1.0 to 2.5	%	ISO 2577
Water Absorption			ISO 62
Saturation, 23°C	0.020	%	
Equilibrium, 23°C, 50% RH	0.010	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	< 20.0	MPa	ISO 527-2
Tensile Strain (Break)	> 50	%	ISO 527-2
Flexural Modulus	1200	MPa	ISO 178
Flexural Stress	25.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	5.5	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength	No Break		ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	45.0	°C	ISO 75-2/A
CLTE - Flow	1.5E-4	cm/cm/°C	ISO 11359-2
RTI Imp (3.00 mm)	60.0	°C	UL 746
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+15	ohms	ASTM D257
Volume Resistivity	1.0E+15	ohms · cm	ASTM D257
Comparative Tracking Index	600	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating (3.00 mm)	HB		ISO 1210

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.

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

