

Witcom PS 6L5

General Purpose Polystyrene
Witcom Engineering Plastics B.V.

Message:

Witcom PS 6L5 is a General Purpose Polystyrene product. It is available in Europe. Primary characteristic: flame rated.

General Information			
Physical	Nominal Value	Unit	Test Method
Density	1.22	g/cm³	ISO 1183
Molding Shrinkage - Flow (3.00 mm)	0.30 to 0.60	%	ISO 2577
Water Absorption			ISO 62
Saturation, 23°C	0.10	%	
Equilibrium, 23°C, 50% RH	0.10	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	< 37.0	MPa	ISO 527-2
Tensile Strain (Break)	1.0 to 2.0	%	ISO 527-2
Flexural Modulus	6800	MPa	ISO 178
Flexural Stress	63.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	2.5	kJ/m²	ISO 180/1A
Unnotched Izod Impact Strength	5.8	kJ/m²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	80.0	°C	ISO 75-2/A
CLTE - Flow	8.0E-5	cm/cm/°C	ISO 11359-2
RTI Imp (3.00 mm)	60.0	°C	UL 746
Flammability	Nominal Value		Test Method
Flame Rating (3.00 mm)	HB		ISO 1210

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Recommended distributors for this material

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