

Trovidur® EA

Rigid Polyvinyl Chloride
Röchling Engineering Plastics SE & Co. KG

Message:

- Product Characteristics
- High UV and weather resistance
- Fire class B1 to DIN 4102 up to 4mm thickness
- Typical field of application
- Building industry

General Information			
Features	Good UV Resistance		
	Good Weather Resistance		
Uses	Building Materials		
	Construction Applications		
Physical	Nominal Value	Unit	Test Method
Density	1.47	g/cm³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3200	MPa	ISO 527-2
Tensile Strain (Break)	15	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	4.0	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
CLTE - Flow	6.0E-5 to 8.0E-5	cm/cm/°C	DIN 53752
Thermal Conductivity	0.16	W/m/K	DIN 52612
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	> 1.0E+13	ohms	IEC 60093
Volume Resistivity	> 1.0E+15	ohms · cm	IEC 60093
Dielectric Constant	3.20		IEC 60250
Dissipation Factor (1 MHz)	0.020		IEC 60250

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