

RONFALIN® TRE35

Acrylonitrile Butadiene Styrene

A. Schulman Europe

Message:

RONFALIN® TRE35 is an acrylonitrile butadiene styrene (ABS) material. This product is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. The processing methods are: pipeline extrusion molding, sheet extrusion molding or profile extrusion molding.

RONFALIN® The main features of TRE35 are:

flame retardant/rated flame

ROHS certification

Typical application areas include:

sheet

Water pipes/pipes/drinking water

General Information			
Uses	Piping system		
	Sheet		
	Profile		
RoHS Compliance	RoHS compliance		
Processing Method	Pipeline extrusion molding		
	Sheet extrusion molding		
	Profile extrusion molding		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	5.0	g/10 min	ISO 1133
Molding Shrinkage	0.40 - 0.60	%	
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness	90.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	45.0	MPa	ISO 527-2/50
Flexural Modulus	2300	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	35	kJ/m²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	96.0	°C	ISO 75-2/A
Vicat Softening Temperature	99.0	°C	ISO 306/B50
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+16	ohms	IEC 60093
Dielectric Strength	> 25	kV/mm	IEC 60243-1
Comparative Tracking Index (Solution A)	> 600	V	IEC 60112

Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	HB		UL 94

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Recommended distributors for this material

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