

Technical Data Sheet

Ronfalin TRE35

Acrylonitrile Butadiene Styrene
LyondellBasell Industries
Engineering Plastics

General			
Uses	• Piping	• Profiles	• Sheet
RoHS Compliance	• RoHS Compliant		
Processing Method	• Pipe Extrusion	• Profile Extrusion	• Sheet Extrusion
Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.05 g/cm ³	1.05 g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (220°C/10.0 Kg)	5.0 g/10 min	5.0 g/10 min	ISO 1133
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Stress (Yield)	6530 psi	45.0 MPa	ISO 527-2/50
Flexural Modulus	334000 psi	2300 MPa	ISO 178
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact Strength	17 ft·lb/in ²	35 kJ/m ²	ISO 180/1A
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Ball Indentation Hardness	13100 psi	90.0 MPa	ISO 2039-1
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 Psi (1.8 Mpa), Unannealed	205 °F	96.0 °C	ISO 75-2/A
Vicat Softening Temperature	210 °F	99.0 °C	ISO 306/B50
Electrical	Nominal Value (English)	Nominal Value (SI)	Test Method
Surface Resistivity	1.0E+16 ohms	1.0E+16 ohms	IEC 60093
Electric Strength	> 640 V/mil	> 25 kV/mm	IEC 60243-1
Comparative Tracking Index (Solution A)	> 600 V	> 600 V	IEC 60112
Flammability	Nominal Value (English)	Nominal Value (SI)	Test Method
Flame Rating (0.06 In (1.6 Mm))	HB	HB	UL 94

Notes

These are typical property values not to be construed as specification limits.