

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 <sup>3</sup>	1.05 g/cm <sup>3</sup>	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 <sup>2</sup>	35 kJ/m <sup>2</sup>	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.