

Technical Data Sheet

Ronfalin VE820 (FR)-T1 GRY 6-1526



Acrylonitrile Butadiene Styrene

Product Description

Ronfalin VE820 (FR)-T1 GREY 6-1526 is a Acrylonitrile Butadiene Styrene material.

Regulatory Status

For regulatory compliance information, see Ronfalin VE820 (FR)-T1 GRY 6-1526 [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Limited Issue
Availability	Africa-Middle East; Asia-Pacific; Europe; Latin America; North America
Additive	Flame Retardant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (220 °C/10.0 kg)	30	g/10 min	ISO 1133
Density	1.2	g/cm ³	ISO 1183
Mechanical			
Tensile Stress at Yield, (50 mm/min)	46.0	MPa	ISO 527-2
Tensile Strain at Yield	2.5	%	ISO 527-2
Tensile Modulus	2200	MPa	ISO 527-1
Flexural Stress	70	MPa	ISO 178
Impact			
Charpy Impact Strength - Notched	14	kJ/m ²	ISO 179
(-20 °C)	5.0	kJ/m ²	ISO 179
Notched Izod Impact Strength, (Type 1, Notch A)	15	kJ/m ²	ISO 180
Hardness			
Ball Indentation Hardness	89	MPa	ISO 2039-1
Thermal			
Vicat Softening Temperature, (B (50N), 50 °C/h)	96.0	°C	ISO 306
Deflection Temperature Under Load Unannealed (0.45 MPa)	93	°C	ISO 75-2/B
Deflection Temperature Under Load Unannealed (1.80 MPa)	85	°C	ISO 75-2/A
Electrical			
Comparative Tracking Index (CTI), (Solution B)	>600	V	IEC 60112
UL Information			
Flame Rating			
(1.6 mm)	V-0		UL 94
(3.2 mm)	V-0		UL 94

Notes

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

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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