

Technical Data Sheet

Ronfalin FF50U-AM WHITE 1-1753 Q520-6-3



Acrylonitrile Butadiene Styrene

Product Description

High melt flow ABS with added U.V stabilization and contains a biocide based on silver ion technology to preserve the product and control microbiological deterioration.

Regulatory Status

For regulatory compliance information, see FF50U-AM WHITE 1-1753 Q520-6-3 [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Availability	Africa-Middle East; Asia-Pacific; Europe; Latin America; North America
Attribute	High Flow; Microbe Resistant
Additive	Antimicrobial

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (220 °C/10.0 kg)	47	g/10 min	ISO 1133
Density	1.1	g/cm ³	ISO 1183
Mechanical			
Flexural Modulus	2390	MPa	ISO 178
Flexural Strength	64	MPa	ISO 178
Tensile Modulus	2420	MPa	ISO 527-1, -2
Tensile Stress at Yield	38	MPa	ISO 527-1, -2
Tensile Strain at Break	15	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched	15	J/m	ISO 179
Charpy Impact Strength - Unnotched	78	kJ/m ²	ISO 179
Hardness			
Shore Hardness, (Shore D)	78		ISO 868
Thermal			
Vicat Softening Temperature, (B (50N), 50 °C/h)	90	°C	ISO 306
Deflection Temperature Under Load Unannealed (1.80 MPa)	75	°C	ISO 75-2/A
Electrical			
Dielectric Strength	>25	kV/mm	IEC 60243-1
Comparative Tracking Index (CTI), (Solution A)	>600	V	IEC 60112
UL Information			
Flame Rating, (3.2 mm)	HB		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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