

Technical Data Sheet

Ronfalin HX10 LT GREY 6-2991



Acrylonitrile Butadiene Styrene

Product Description

Ronfalin HX10 LT GREY 6-2991 is a Acrylonitrile Butadiene Styrene material. Features include: High Heat Resistance.

Regulatory Status

For regulatory compliance information, see *Ronfalin* HX10 LT GREY 6-2991 [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Discontinued
Availability	Africa-Middle East; Asia-Pacific; Europe; Latin America; North America
Attribute	High Heat Resistance
Application	Automotive Applications; Automotive Electronics

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (220 °C/10.0 kg)	4.0	g/10 min	ISO 1133
Density	1.05	g/cm ³	ISO 1183
Mechanical			
Tensile Stress at Yield, (50 mm/min)	48.0	MPa	ISO 527-2
Flexural Modulus	2500	MPa	ISO 178
Impact			
Notched Izod Impact Strength, (Type 1, Notch A)	12	kJ/m ²	ISO 180
Hardness			
Ball Indentation Hardness	98	MPa	ISO 2039-1
Thermal			
Vicat Softening Temperature, (B (50N), 50 °C/h)	110	°C	ISO 306
Deflection Temperature Under Load Unannealed (0.45 MPa)	107	°C	ISO 75-2/B
Deflection Temperature Under Load Unannealed (1.80 MPa)	105	°C	ISO 75-2/A
Electrical			
Dielectric Strength	>25	kV/mm	IEC 60243-1
Comparative Tracking Index (CTI), (Solution A)	>600	V	IEC 60112
Surface Resistivity	1E+16	ohm	IEC 60093
UL Information			
Flame Rating, (1.6 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/>.

© LyondellBasell Industries Holdings, B.V. 2018

Disclaimer

Information in this document is accurate to the best of our knowledge at the date of publication. The document is designed to provide users general information for safe handling, use, processing, storage, transportation, disposal and release and does not constitute any warranty or quality specification, either express or implied, including any warranty of merchantability or fitness for any particular purpose. Users shall determine whether the product is suitable for their use and can be used safely and legally.

In addition to any prohibitions of use specifically noted in this document, LyondellBasell may further prohibit or restrict the sale of its products into certain applications. For further information, please contact a LyondellBasell representative.

Trademarks

The Trademark referenced within the product name is owned or used by the LyondellBasell family of companies.