

Technical Data Sheet

Ronfalin N25-SR Royal Blue



Acrylonitrile Butadiene Styrene + PA

Product Description

PA6/ABS alloy with very high impact strength with excellent flow to enable reproducibility of the mould tool surface.

Regulatory Status

For regulatory compliance information, see N25-SR Royal Blue [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status

Limited Issue

Availability

Africa-Middle East; Asia-Pacific; Europe; Latin America; North America

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate			
(240 °C/10.0 kg)	30	g/10 min	ISO 1133
(240 °C/5.0 kg)	10	g/10 min	ISO 1133
Density	1.07	g/cm ³	ISO 1183
Mechanical			
Tensile Stress at Yield	42	MPa	ISO 527-2
Tensile Strain at Break	>50	%	ISO 527-2
Flexural Modulus	1700	MPa	ISO 178
Tensile Stress at Break	36	MPa	ISO 527-2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	60	kJ/m ²	ISO 179
(-20 °C)	15	kJ/m ²	ISO 179
Charpy Impact Strength - Unnotched, (23 °C)	No Break		ISO 179
Thermal			
Vicat Softening Temperature, (B (50N), 120 °C/h)	106	°C	ISO 306
Deflection Temperature Under Load Unannealed (0.45 MPa)	92	°C	ISO 75-2/B
Deflection Temperature Under Load Unannealed (1.80 MPa)	70	°C	ISO 75-2/A
Electrical			
Dielectric Strength	40	kV/mm	IEC 60243-1
Comparative Tracking Index (CTI), (Solution A)	>600	V	IEC 60112

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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