

Technical Data Sheet

Ronfalin ASA35U

Acrylonitrile Styrene Acrylate

LyondellBasell Industries

Engineering Plastics

Product Description

Ronfalin ASA35EU is a UV stabilized ASA which can be used indoors and out. Components produced from ASA30EU exhibit excellent colour and gloss retention in addition to good physical properties and weatherability.

General

Additive	• UV Stabilizer
Features	• Good Color Stability • Good Weather Resistance
Uses	• Outdoor Applications
Forms	• Pellets
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.07 g/cm ³	1.07 g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/5.0 Kg)	7.0 g/10 min	7.0 g/10 min	ISO 1133
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	319000 psi	2200 MPa	ISO 527-1
Tensile Stress (Yield)	6530 psi	45.0 MPa	ISO 527-2
Tensile Strain (Break)	13 %	13 %	ISO 527-2
Flexural Stress	8270 psi	57.0 MPa	ISO 178
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact Strength	3.8 ft·lb/in ²	8.0 kJ/m ²	ISO 180
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Vicat Softening Temperature	194 °F	90.0 °C	ISO 306/B50
Flammability	Nominal Value (English)	Nominal Value (SI)	Test Method
Flame Rating (0.13 In (3.2 Mm))	HB	HB	UL 94

Notes

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