

Technical Data Sheet

**Icorene 1870**

Thermoplastic
LyondellBasell Industries
Custom Powders

Product Description

ICORENE® 1870 is an adhesive thermoplastic powder specifically developed for rotational lining.

This grade is a new rotolining formulation with outstanding adhesion to Aluminium and can be used at half the thickness of other rotolining grades, which has been specifically developed using the formulation experience of A. Schulman in polymer technology.

General

Material Status	• Commercial: Active		
Availability	• Europe		
Additive	• Unspecified Additive	• UV Stabilizer	
Features	• Bondability	• Corrosion Resistant	• UV Resistant
Uses	• Coating Applications	• Tanks	
Appearance	• Black		
Forms	• Powder		
Processing Method	• Roto Lining		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.939 g/cm ³	0.939 g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	20 g/10 min	20 g/10 min	ASTM D1238
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Peak Melting Temperature	212 °F	100 °C	ASTM D3418

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.

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing

Company Information

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

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