

Technical Data Sheet

**Icorene 9468**

Thermoplastic Copolyester Elastomer

LyondellBasell Industries

Rotomolding

Product Description

ICORENE® 9468 is a versatile thermoplastic copolyester elastomer.

This grade combines resilience, heat and chemical resistance with strength and durability.

General

Material Status	• Commercial: Active		
Availability	• Europe		
Features	• Chemical Resistant	• High Elasticity	
Uses	• Automotive Applications	• Automotive Under the Hood	• High Temperature Applications
Appearance	• Natural Color		
Forms	• Powder		
Processing Method	• Rotational Molding		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.11 g/cm ³	1.11 g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (220°C/2.16 kg)	8.5 g/10 min	8.5 g/10 min	ISO 1133
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Stress (Break)	4210 psi	29.0 MPa	ISO 527-2
Tensile Strain (Break)	> 300 %	> 300 %	ISO 527-2
Tensile Creep Modulus			ISO 899-1
1 hr	4060 psi	28.0 MPa	
1000 hr	3050 psi	21.0 MPa	
Flexural Modulus	6530 psi	45.0 MPa	ISO 178
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Shore Hardness (Shore D)	37	37	ISO 868
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Melting Temperature	379 °F	193 °C	DSC

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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