

Technical Data Sheet

**Formion FI 393**

Ionomer
LyondellBasell Industries
Engineering Plastics

Product Description

Ionomer HDPE 13% Glass Fiber

General

Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Glass Fiber, 10% Filler by Weight
Automotive Specifications	• FORD WSS-M4D934-A2 Color: ZJWA Storm Gray

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.01 g/cm ³	1.01 g/cm ³	ISO 1183/A
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Stress (Yield, 73°F (23°C))	2900 psi	20.0 MPa	ISO 527-2/1A/50
Flexural Modulus - Chord ¹ (73°F (23°C))	145000 psi	1000 MPa	ISO 178
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact Strength 73°F (23°C), Complete Break	6.4 ft·lb/in ²	14 kJ/m ²	ISO 180/1A

Notes

¹ Type 1A, 2.0 in/min (50 mm/min)

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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