

Technical Data Sheet



Polyfort PU21713HMR Bumper Dark Grey

Polyolefin
LyondellBasell Industries
Engineering Plastics

Product Description

PU21713HMR Bumper Dark Grey is an Unfilled, Exterior Grade Polyolefin Compound with Hi-Impact Resistance and excellent consistency. It is well suited for Injection Molding applications.

General

Material Status	• Commercial: Active		
Availability	• North America		
Features	• High Impact Resistance		
Appearance	• Colors Available	• Dark Grey	
Processing Method	• Injection Molding		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.952	0.950 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25 g/10 min	25 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength	1590 psi	11.0 MPa	ASTM D638
Tensile Elongation (Break)	970 %	970 %	ASTM D638
Flexural Modulus	23300 psi	161 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	No Break	No Break	ASTM D256
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness (Shore A)	95	95	ASTM D2240

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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