

Technical Data

Product Description

Glass fibre reinforced injection moulding grade for housings with enhanced impact resistance (eg automotive mirror housings). Also used for the wheels of mountain bikes.

General

Material Status	• Commercial: Active
Literature ¹	• Technical Datasheet (English)
Search for UL Yellow Card	• BASF Corporation • Ultramid®
Availability	• Asia Pacific
Filler / Reinforcement	• Glass Fiber, 10% Filler by Weight
Features	• Good Impact Resistance • Oil Resistant
Uses	• Automotive Applications • Housings • Wheels
Agency Ratings	• EC 1907/2006 (REACH)
RoHS Compliance	• RoHS Compliant
Forms	• Pellets

Physical	Nominal Value Unit	Test Method
Apparent (Bulk) Density	0.70 g/cm³	
Melt Volume-Flow Rate (MVR) (275°C/5.0 kg)	75 cm³/10min	ISO 1133
Viscosity Number 96% H2SO4 (Sulphuric Acid)	155 cm³/g	ISO 307
Mechanical	Nominal Value Unit	Test Method
Tensile Modulus	4500 MPa	ISO 527-2
Tensile Stress (Break)	110 MPa	ISO 527-2
Tensile Strain (Break)	3.0 %	ISO 527-2
Impact	Nominal Value Unit	Test Method
Charpy Notched Impact Strength (23°C)	5.0 kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	35 kJ/m²	ISO 179/1eU
Additional Information	Nominal Value Unit	
Polymer Abbreviation	PA6-GF10	

Notes

¹ These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

² Typical properties: these are not to be construed as specifications.

Ultramid® B3EG2

Polyamide 6

BASF Corporation

PROSPECTOR®

www.ulprospector.com

Where to Buy

Supplier

BASF Corporation

Wyandotte, MI USA

Telephone: 800-545-8359

Web: <https://www.basf.com/us/en.html>

Distributor

ALBIS Plastic

ALBIS Plastic is a global distribution and compounding company. Contact ALBIS Plastic for availability of individual products per country.

Telephone: +49-40-78105-0

Web: <http://www.albis.com/>

Availability: Algeria, Austria, Belgium, Bulgaria, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Ireland, Latvia, Lithuania, Luxembourg, Morocco, Netherlands, Norway, Poland, Portugal, Romania, Russian Federation, Slovakia, Slovenia, Spain, Sweden, Switzerland, Tunisia, United Kingdom

