

Technical Data Sheet

Hifax ETA3104 ZJWA STORM GRY

Polypropylene Compounds



Product Description

Hifax ETA3104 ZJWA STORM GRY medium melt flow, 1,100 MPa flexural modulus, UV-stabilized thermoplastic elastomeric olefin (TEO) resin has a very good combination of properties and processability. It is typically used for a variety of molded-in color automotive exterior components.

Regulatory Status

For regulatory compliance information, see *Hifax* ETA3104 ZJWA STORM GRY [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
Application	Automotive Parts; Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	9	g/10 min	ISO 1133-1
Density, (23 °C)	0.94	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus	1100	MPa	ISO 178
Tensile Stress at Yield	20	MPa	ISO 527-1, -2
Tensile Strain at Yield	7	%	ISO 527-1, -2
Impact			
Notched Izod Impact Strength			
(23 °C)	30	kJ/m ²	ISO 180
(-40 °C)	3.5	kJ/m ²	ISO 180
Thermal			
Deflection Temperature Under Load			
(0.45 MPa, Unannealed)	85	°C	ISO 75B-1, -2
(1.80 MPa, Unannealed)	55	°C	ISO 75A-1, -2
Additional Information			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			

Notes

These are typical property values not to be construed as specification limits.

Processing Techniques

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Recipient Tracking #:
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Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

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

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- (ii) film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned medical devices;
- (iii) packaging in direct contact with a pharmaceutical active ingredient and/or dosage form that is intended for inhalation, injection, intravenous, nasal, ophthalmic (eye), digestive, or topical (skin) administration;
- (iv) tobacco related products and applications, electronic cigarettes and similar devices.
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- (ii) applications involving permanent implantation into the body;
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