Technical Data Sheet

Hostacom ERC 161Y NATURAL

Polypropylene Compounds

Product Description

HOSTACOM ERC 161Y NATURAL is a 15% mineral filled, polypropylene copolymer compound for injection molding. It is typically used for fully painted applications, primarily for automotive interior trim parts. It combines excellent stiffness with good impact, flowability properties, and good dimensional stability.

Regulatory Status

For regulatory compliance information, see *Hostacom* ERC 161Y NATURAL Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	North America
Application	Interior Automotive Applications
Market	Automotive
Processing Method	Injection Molding

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	16	g/10 min	ASTM D1238
Density, (23 °C)	1.01	g/cm³	ISO 1183-1
Mechanical			
Flexural Modulus, (23 °C)	2400	MPa	ISO 178
Tensile Stress at Yield, (23 °C)	28	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	6.0	kJ/m²	ISO 179
(-30 °C)	3.0	kJ/m²	ISO 179
Thermal			
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	63	°C	ISO 75A-1, -2
Additional Information			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			

Manufacturer website: https://www.lyondellbasell.com/en/

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.

Company Information

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

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