

Technical Data Sheet

Hostacom TRC 787N NATRL

Polypropylene Compounds



Product Description

Hostacom TRC 787N NATRL high melt flow, 1,850 MPa flexural modulus, mineral-filled thermoplastic elastomeric olefin (TEO) resin has an excellent balance of processability, rigidity, and impact and scratch and mar resistance. It is typically used for molded-in color automotive instrument panels.

Regulatory Status

For regulatory compliance information, see *Hostacom* TRC 787N NATRL [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
Application	Instrument Panels; Interior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Colorability; Good Flow; Good Moldability; High Impact Resistance; High Stiffness; Low Gloss; Scratch Resistant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	21	g/10 min	ASTM D1238
Density, (23 °C)	1.04	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus, (23 °C)	1850	MPa	ISO 178
Tensile Stress at Yield, (23 °C)	19	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C)	7	%	ISO 527-1, -2
Impact			
Notched Izod Impact Strength			
(23 °C)	48	kJ/m ²	ISO 180
(-30 °C)	6.6	kJ/m ²	ISO 180
Thermal			
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	103	°C	ISO 75B-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

LyondellBasell
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Date: 7/25/2017

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Recipient Tracking #:
Request #: 908690

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.
- (v) safety components in automotive applications, for example: air bags, air bag unit housings and covers, seat belt mechanisms, brake systems, pedals and pedal supports, steering systems.

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- (i) U.S. FDA Class III Medical Devices; Health Canada Class IV Medical Devices; European Class III Medical Devices;
- (ii) applications involving permanent implantation into the body;
- (iii) life-sustaining medical applications.

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