Technical Data Sheet

Hostacom M2 T02 102942

Polypropylene Compounds

Product Description

Hostacom M2 T02 102942 is a 20% talc filled PP homopolymer, with high flowability. The product is available in different color matched pellet form. This grade is delivered in 102942 color version.
CAE data is available on request.

Regulatory Status

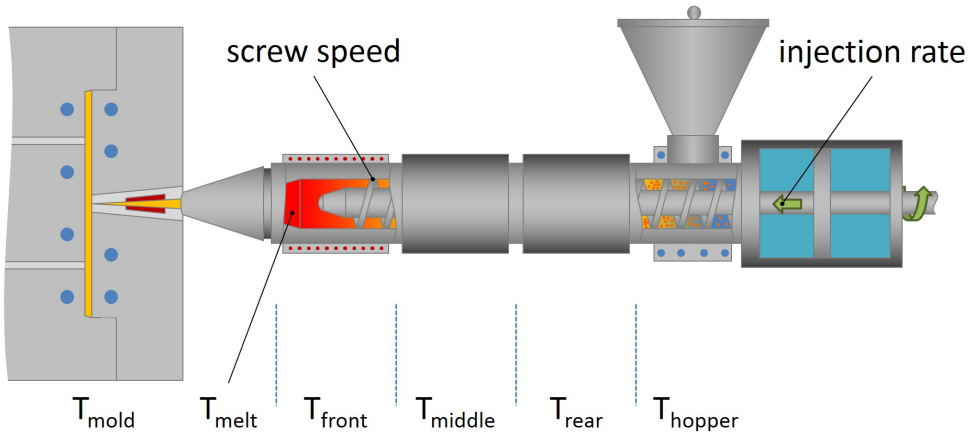
For regulatory compliance information, see *Hostacom* M2 T02 102942 Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

This grade is not intended for medical, pharmaceutical, food and drinking water applications.

Status	Commercial: Active
Availability	Europe
Processing Method	Injection Molding
Attribute	CAE data available: See "Notes"; Good Flow
Application	Automotive Parts; Underhood
Filler/Reinforcement	Mineral, 20%; Talc, 20%
Resin ID	PP-H MD20

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	6	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/2.16 kg)	7	cm³/10 min	ISO 1133-1
Density, (23 °C)	1.04	g/cm³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, 2 mm/min)	2700	MPa	ISO 178
Tensile Modulus, (23 °C)	2700	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	33	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	4	kJ/m²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	40	kJ/m²	ISO 179-1/1eU
Additional Information			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			

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



Injection Parameters	Nominal Value	Units
Drying Temperature	80	°C
Drying Time	2-3	hr
Processing (Melt) Temp	220-260	°C
Mold Temperature	30-60	°C

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

Notes

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

Availability indicates the region where the material is produced. For importation or demand of a local equivalent grade, please contact our Sales Representatives.

Drying notes:

Polypropylene is not hygroscopic and generally does not require drying.
As a good practice and to avoid residual humidity from transport or storage conditions, we recommend drying the material.

Fogging, emission & odor performance of finished articles are improved by reducing the melt temperature and residence time and limit high shear stress.

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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