

## Technical Data Sheet

### *Metocene* HM650V



Metallocene PP Homopolymer

#### Product Description

*Metocene* HM650V is a metallocene-catalyzed homopolymer for compounding and injection molding with very high melt flow rate.

*Metocene* HM650V has an excellent stiffness, outstanding organoleptic properties and a low warpage.

#### Regulatory Status

For regulatory compliance information, see *Metocene* HM650V [Product Stewardship Bulletin \(PSB\) and Safety Data Sheet \(SDS\)](#).

<b>Status</b>	Commercial: Active
<b>Availability</b>	Europe
<b>Application</b>	Automotive Parts; Containers; Polymer Modifier
<b>Market</b>	Automotive; Compounding; Consumer Products; Rigid Packaging
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Excellent Stiffness; Good Flow; Low to No Odor; Low Viscosity; Low Warpage

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	150	g/10 min	ISO 1133-1
Density	0.90	g/cm <sup>3</sup>	ISO 1183-1
<b>Mechanical</b>			
Flexural Modulus	1450	MPa	ISO 178
Tensile Stress at Yield, (23 °C)	35	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C)	7	%	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Unnotched, (23 °C)	50	kJ/m <sup>2</sup>	ISO 179-1/1eU
<b>Thermal</b>			
Vicat Softening Temperature, (B50)	98	°C	ISO 306
DSC Melting Point	154	°C	ISO 11357-3

## 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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