

## Technical Data Sheet

### *Metocene* MF650Y

Metallocene PP Homopolymer



#### Product Description

*Metocene* MF650Y is an extremely high melt flow rate homopolymer resin with very narrow molecular weight distribution. It is suitable for melt blown fibers as well as compounding extrusion applications. This material is available as a free-flowing, low dust granule (flake) resin. This product contains no peroxide or peroxide decomposition by-products. It is a low gas fading product.

The very narrow molecular weight distribution and high degree of resin consistency promote finer fibers, enhanced fiber filament thread line continuity as well as reduced fly and lint in melt blown spinning processes. Its extremely high melt flow rate allows reduced processing temperatures and energy savings. This is a low smoke, clean running resin with good thermal and processing stability.

#### Regulatory Status

For regulatory compliance information, see *Metocene* MF650Y [Product Stewardship Bulletin \(PSB\) and Safety Data Sheet \(SDS\)](#).

<b>Status</b>	Commercial: Active
<b>Availability</b>	Asia-Pacific; Europe; North America
<b>Application</b>	Absorption & Filtration; Colour Concentrates; Nonwovens; Wipes/Tissues
<b>Market</b>	Compounding; Textile
<b>Processing Method</b>	Compounding; Melt Blown
<b>Attribute</b>	Extremely High Flow; High Purity; Low Smoke Emission; Narrow Molecular Weight Distribution

<b>Typical Properties</b>	<b>Nominal Value</b>	<b>Units</b>	<b>Test Method</b>
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	1800	g/10 min	ASTM D1238
Density, (23 °C)	0.90	g/cm <sup>3</sup>	ASTM D792

## 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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