Technical Data Sheet

Metocene MF650W

Metallocene PP Homopolymer

Product Description

Metocene MF650W is a very 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 very 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* MF650W Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

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

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	500	g/10 min	ASTM D1238
Density, (23 °C)	0.90	g/cm³	ASTM D792

Manufacturer website: https://www.polymirae.com/

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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