

Technical Data Sheet

Metocene MF650X



Metallocene PP Homopolymer

Product Description

Metocene MF650X 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.

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| 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) | 1200 | g/10 min | ISO 1133-1 |