



Metocene MF650Y

Metallocene PP Homopolymer

Product Description

Metocene MF650Y is an ultra-high melt flow rate 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 resin. This product contains no peroxide or peroxide decomposition by-products. 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 ultra-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.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO ASTM
Availability	North America, Africa-Middle East
Processing Methods	Extrusion Compounding, Melt Blown
Features	High Flow , Narrow Molecular Weight Distribution, High Purity
Typical Customer Applications	Absorption & Filtration, Colour Concentrates, Hygiene Nonwoven, Meltblown, Wipes/Tissues

Typical Properties	Method	Value	Unit
Physical			
Melt flow rate (MFR) (230°C/2.16kg)	ISO 1133	1800	g/10 min
Melt volume flow rate (230°C/2.16 kg)	ISO 1133	2500	g/cm³
Mechanical			
Tensile Modulus	ISO 527-1, -2	n.	applicable
Flexural modulus	ISO 178	n.	applicable
Impact			
Charpy notched impact strength	ISO 179	n.	applicable

Notes

Typical properties; not to be construed as specifications.