



Metocene MF650W

Metallocene PP Homopolymer

Product Description

Metocene MF650W is a 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. It is a low gas fading product. The 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 high melt flow rate allows reduced processing temperatures and energy savings. This is a low smoke, clean running resin with low gas fading characteristics.

Product Characteristics

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

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	0.905	g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	500	g/10 min
Melt volume flow rate (230°C/2.16Kg)	ISO 1133	680	cm ³ /10min
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.