

PP MHE1100

Description

Metallocene-catalyzed polypropylene homopolymer
Excellent Anti-Gas Fading performance, Low TVOC

Application

Hygiene, medical and industrial

Properties	Method	Condition	Unit	PP MHE1100
Physical				
MFI	ASTM D1238	230°C, 2.16kg load	g/10min	25
Density	ASTM D1505	Density-Gradient	g/cm ³	0.9
Mechanical				
Tensile Strength at Yield Point(MPa)	ASTM D638	50mm/min	MPa	34
Elongation at Break Point	ASTM D638	50mm/min	%	>500
Flexural Modulus(MPa)	ASTM D790	Press sheet, 1% Secant	MPa	1600
Izod Impact Strength(J/m)	ASTM D256	23°C, Notched	J/m	29
Rockwell Hardness(R-Scale)	ASTM D785	R-Scale		105
Thermal				
Vicat Softening Temperature	ASTM D1525	A50	°C	143
Heat Deflection Temperature	ASTM D648	4.6kgf/cm ²	°C	110

Note

The properties data in this table are typical values, and not guaranteed specification.
Typical resin property values are measured on a standard injection molded specimens.