WeConnectScience

LG Chem

MH1850

Description

Metallocene-catalyzed polypropylene homopolymer
For thin wall injection molding
Contains a nucleating agent for fast cycle time and excellent stiffness.
Less warpage and outstanding organoleptic property (very low VOCs).

Application

Compounding base resin for automotive part with low TVOC.
Disposable food container(thin wall injection molding)

Properties	Method	Condition	Unit	MH1850
Physical				
MFI	ASTM D1238	230℃, 2.16kg load	g/10min	60
Density	ASTM D1505	Density-Gradient	g/cm³	0.9
Mechanical				
Tensile Strength at yield point(kgf/㎠)	ASTM D638	50㎜/min	kgf/cm²	380
Elongation at Break Point	ASTM D638	50㎜/min	%	<100
Flexural Modulus(kgf/㎠)	ASTM D790	Press sheet, 1% Secant	kgf/cm²	20000
Izod Impact Strength(kgf·㎝/㎝)	ASTM D256	23℃, Notched	kgf·cm/cm	3
Thermal				
Heat Deflection Temperature	ASTM D648	4.6kgf/㎠	℃	130

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.

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