

SÉETEC MH7900

Metallocene PP Homopolymer

Applications

- PP Compounding base resin for automotive parts, Injection Molding etc.

Description

- MH7900 is a Metallocene-catalyzed polypropylene homopolymer manufactured by LG Chem's unique catalyst technology. MH7900 has an excellent stiffness, less warpage and outstanding organoleptic properties (very low VOCs).

Typical properties

Characteristics	Test Method	Unit	Value
Physical⁽¹⁾			
Density	ASTM D1505	g/cm ³	0.9
MFR (230°C, 2.16 Kg)	ASTM D1238	g/10min	150
Mechanical⁽²⁾			
Tensile Strength at yield	ASTM D638	Mpa	37
Elongation at Break	ASTM D638	%	>500
Flexural Modulus	ASTM D790	Mpa	1,700
Izod impact strength (23°C, notched)	ASTM D256	kJ/m ²	2
Thermal			
Melting temperature (DSC)	-	°C	150

(1) The properties data in this table are typical values, and not guaranteed specification.

(2) Typical resin property values are measured on a standard compression molded specimens

For additional sales, order and technical assistance

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Metallocene based MH7900 grade have been designed for PP compound base resin, especially for automotive parts required very low VOC characteristics. The extremely low extractable content is favorable for the best organoleptic properties. This can be seen below when the VOC & FOG value of MH7900 are approx. 15 times lower than conventional Ziegler-Natta polypropylene with the same melt flow rate, hence a significant reduction of off-gas when processing as well as on end products.

