PP M1600

PP Block copolymer

Applications

- **Washing Machine Parts, Cleaner Parts, Toys**

Description

- **PP M1600 is a polypropylene block copolymer for injection molding applications with minimum amount of antistatic agent. It exhibits a good balance of stiffness and impact strength. This grade meets the FDA requirement in the code of Federal Regulations in 21 CFR 177.1520 for food contact.**

Typical properties

Characteristics(1)	Test Method	Unit	Value
Physical			
Density	ASTM D1505	g/㎤	**0.9**
MFR(230℃,2.16Kg)	LG Method	g/10min	**25**
Mechanical(2)			
Tensile Strength at Yield(3)	ASTM D638(3)	MPa	**25**
Elongation at Break(3)	ASTM D638(3)	%	**300**
Flexural Modulus(4)	ASTM D790(4)	MPa	**1200**
Izod Impact Strength (Notched, 23℃)	ASTM D256	J/m	**98**
Izod Impact Strength (Notched, -20℃)			**39**
Hardness(R-scale)	ASTM D785	-	**90**
Thermal			
Vicat Softening point (1kgf)	ASTM D1525	℃	**150**
Heat Deflection Temperature (4.6kgf/cm^2)	ASTM D648	℃	**105**

(1) The properties data in this table are typical values, and not guaranteed specification.
(2) Typical resin property values are measured on a standard injection molded specimens
(3) Speed of 50 mm/min.
(4) Speed of 28 mm/min.

The actual processing conditions of our products may vary and are beyond our control, establishing satisfactory performance of the resin for the intended application is the customer's responsibility.

For additional sales, order and technical assistance

Revised : Jan/25/2021

Head office **PO Division, LG Chem Ltd.**
Yeoui-do P.O.Box 672, 21st floor LG Twin Tower,
Yeoui-daero 128, Yeongdeungpo-gu Seoul, Korea.
Tel. +82-2-3773-3395(EU,US), 7745(CN), 6116(Asia)

TS&D **PO.TECH Center.E&I TS**
211, Hwangsae-ro, Osan-si, Gyeonggi-do, Korea (18126)
Tel. +82-31-5187-0219