WeConnectScience

LG Chem

H7700

Description

Polypropylene homopolymer suitable for the extrusion of fine fibers with the spun bond technology
Narrow molecular weight distribution (MWD) with anti-gas fading stabilization

Application

Hygiene, medical and industrial

Properties	Method	Condition	Unit	H7700
Physical				
MFI	ASTM D1238	230℃, 2.16kg load	g/10min	34
Density	ASTM D1505	Density-Gradient	g/cm³	0.9
Mechanical				
Tensile Strength at Yield Point(MPa)	ASTM D638	50㎜/min	MPa	34
Elongation at Break Point	ASTM D638	50㎜/min	%	>500
Flexural Modulus(MPa)	ASTM D790	Press sheet, 1% Secant	MPa	1600
Izod Impact Strength(J/m)	ASTM D256	23℃, Notched	J/m	29
Rockwell Hardeness(R-Scale)	ASTM D785	R-Scale		105
Thermal				
Vicat Softening Temperature	ASTM D1525	A50	℃	151
Heat Deflection Temperature	ASTM D648	4.6kgf/㎠	℃	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.

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