

H7900

Description

Pellet type melt blown grade

Very high melt flow rate(400~1,500 by adding the concentrated peroxide master batch into the polymer during the M/B processing)

Application

Diapers, Sanitary napkins, oil absorbent mats, wipes, wet tissues, masks, air filtration media and medicals

Properties	Method	Condition	Unit	H7900
Physical				
MFI	ASTM D1238	230°C, 2.16kg load	g/10min	230
Density	ASTM D1505	Density-Gradient	g/cm ³	0.9
Mechanical				
Tensile Strength at yield point(kgf/cm ²)	ASTM D638	50mm/min	kgf/cm ²	350
Elongation at Break Point	ASTM D638	50mm/min	%	>500
Flexural Modulus(kgf/cm ²)	ASTM D790	Press sheet, 1% Secant	kgf/cm ²	16000
Izod Impact Strength(kgf·cm/cm)	ASTM D256	23°C, Notched	kgf·cm/cm	3
Rockwell Hardness(R-Scale)	ASTM D785	R-Scale		105
Thermal				
Vicat Softening Temperature	ASTM D1525	A50	°C	151
Heat Deflection Temperature	ASTM D648	4.6kgf/cm ²	°C	100

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.