

# 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
<b>Physical</b>				
MFI	ASTM D1238	230°C, 2.16kg load	g/10min	230
Density	ASTM D1505	Density-Gradient	g/cm <sup>3</sup>	0.9
<b>Mechanical</b>				
Tensile Strength at yield point(kgf/cm <sup>2</sup> )	ASTM D638	50mm/min	kgf/cm <sup>2</sup>	350
Elongation at Break Point	ASTM D638	50mm/min	%	>500
Flexural Modulus(kgf/cm <sup>2</sup> )	ASTM D790	Press sheet, 1% Secant	kgf/cm <sup>2</sup>	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
<b>Thermal</b>				
Vicat Softening Temperature	ASTM D1525	A50	°C	151
Heat Deflection Temperature	ASTM D648	4.6kgf/cm <sup>2</sup>	°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.