

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)

Complies with FDA Regulations 21 CFR 177.1520 for food contact..

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.

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