SÉETEC H7900

PP Homopolymer

Applications

- **Ultra fine denier melt blown non-wovens,typical end use applications including diapers, sanitary napkins, oil absorbent mats, wipes, wet tissues, masks, air filtration media and medicals.**

Description

- **SÉETEC H7900 is a newly developed pellet type melt blown grade made by 5th generation catalyst and the Spheripol process. Its has a very high melt flow and very narrow molecular weight distribution, which promotes thread line continuity, reduce lint, and spins ultra fine denier fibers with high strength vs. conventional flake type melt blown grade. This polymer is well designed to control and increase the melt flow rate (between 400 to 1500) by adding the concentrated peroxide master batch into the polymer during the M/B processing. SEETEC H7900 meets the FDA requirement in the code of Federal Regulations in 21 CFR 177.1520 for food contact..**

Typical properties

Characteristics	Test Method	Unit	Value
Physical(1)			
Density	ASTM D1505	g/㎤	**0.9**
MFR(230℃,2.16Kg)	ASTM D1238	g/10min	**230**
Mechanical(2)			
Tensile Strength at Yield	ASTM D638(3)	Mpa	**34**
Elongation at Break	ASTM D638(3)	%	**>500**
Flexural Modulus	ASTM D790(4)	Mpa	**1600**
Izod Impact Strength (Notched, 23℃)	ASTM D256	J/m	**29**
Hardness(R-scale)	ASTM D785	-	**105**
Thermal			
Vicat Softening point (1kgf)	ASTM D1525	℃	**151**
Heat Deflection Temperature (4.6kgf/cm^2)	ASTM D648	℃	**110**

(1) The properties data in this table are typical values, and not guaranteed specification.
(2) Typical resin property values are measured on a standard compression molded specimens

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 : 06/12/2015**

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