

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/cm ³	0.9
MFR(230 °C, 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 °C)	ASTM D256	J/m	29
Hardness(R-scale)	ASTM D785	-	105
Thermal			
Vicat Softening point (1kgf)	ASTM D1525	°C	151
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	°C	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

Head office	PO Division, LG Chem Ltd. Yeoui-do P.O.Box 672, 21 st floor LG Twin Tower, Yeoui-daero 128, Yeongdeungpo-gu Seoul, Korea. Tel. 82-2-3773-3538 Email : dbdefault@lgchem.com	TS&D	TECH Center . Polyolefin 175, Gajeong-ro, Yuseong-gu, Daejeon, 305-343, Korea. Tel. 82-42-860-8538, 8394
-------------	--	------	--

The information contained herein, including, but not limited to, data, statements and typical values, are given in good faith. LG Chem makes no warranty or guarantee, expressed or implied, (i) that the result described herein will be obtained under end - use conditions, or (ii) as to the effectiveness or safety of any design incorporating LG Chem materials, products, recommendations or advice. Further, any information contained herein shall not be construed as a part of legally binding offer. Especially, the typical values should be regarded as reference values only and not as binding minimum values. Each user bear full responsibility for making its own determination as to the suitability of LG Chem's materials, products, recommendations, or advice for its own particular use. Each user must identify and perform all tests and analyses necessary to assure that its finished parts incorporating LG Chem material or products, will be safe and suitable for use under end - use conditions. The data contained herein can be changed without notice as a result of the quality improvement of the products.