SEETEC H7700

LG Chem

Resin Type Polypropylene Homopolymer

Applications Fine denier spun bonded non-wovens

Typical end use applications including diapers, sanitary napkins, apparel covers, wet tissues, shopping bags and agricultural use textiles.

Description SEETEC H7700 is a polypropylene homopolymer manufactured using 5 generation catalyst and the Spheripol process. Its has a high melt flow and narrow molecular weight distribution,
suitable for fine denier fibers. Also Its has a excellent spinnability, drawability and high strength properties which can be reduced grams vs. conventional spun bonded web
SEETEC H7700 can be evaluated in applications that need Anti-Gas Fading performance

Properties	Test Method	Test Condition	Unit	Value
Physical				
Melt Flow Rate	ASTM D1238	230℃/2.16 kg	g/10 min	34
Density	ASTM D1505	-	g/cm^3	0.9
Mechanical				
Tensile Strength at Yield	ASTM D638	50 mm/min	kgf/cm^2	350
			MPa	34
Elongation at Break	ASTM D638	50 mm/min	%	>500
Flexural Modulus	ASTM D790	-	kgf/cm^2	16,000
			MPa	1,600
Izod Impact Strength	ASTM D256	23℃ (Notched)	kg·cm/cm	3
Hardness (Rockwell)	ASTM D785	R-scale	-	100
Thermal				
Vicat Softening Point	ASTM D1525	1 kgf	℃	152
			°F	306
Heat Deflection Temperature	ASTM D648	4.6 kgf/cm^2	℃	110
			°F	230

SEETEC H7700 meets the FDA requirment in the code of Federal Regulations in 21 CFR 177.1520 for food contact

The data and information represented herein are intended as a general guide only and are not construed as specification limits. Since 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 sole responsibility.

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