

Technical Datasheet

HP564S

1) Product Description:

"Jampilen HP564S" is a high melt flow rate homo polymer with a narrow molecular weight distribution for the high speed production of low denier continuous filament for spun-bonded, nonwoven fabrics with an excellent balance of mechanical properties and softness. This grade is formulated with an antigasfading stabilization package and characterized by consistent high speed and low nonwoven weights.

2) Applications:

- ✓ Spun-bonded, Nonwoven fabrics
- ✓ Fabrics for diapers, for feminine care, sanitary and medical tissues
- ✓ Protective fabrics for agricultural, industrial and medical applications
- ✓ Backings and linings for the furniture and carpet industries
- ✓ Oriented yarn and bulked continuous filament
- ✓ Wipe and Tissues

3) Typical data:

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE*
Melt Flow Rate (230 oC, 2.16kg)	ASTM D1238	g/10min	40
Density	ASTM D1505	g/cm ³	0.9
Flexural Modulus	ASTM D790	MPa	1500
Tensile Strength at Yield	ASTM D638	MPa	33
Tensile Elongation at Yield	ASTMD638	%	8
Izod Impact Strength (notched) at 23 °C	ASTM D256	J/m	30
Rockwell Hardness	ASTM D785	R Scale	102
Vicat softening point (10N)	ASTM D1525	°C	155
H.D.T. (0.46 Mpa)	ASTM D648	°C	91
Accelerated oven ageing in air at 150 °C	ASTM D3012	hours	360

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