



Product: PolyPropylene
Grade: Homopolymer, Extrusion (Filament) Fiber Spinning
Trade Name: HP564S

Typical Applications

HP564S can be used for Nonwoven fabrics, Fabrics for diapers, feminine care, medical and sanitary tissues, Protective fabrics for agricultural, industrial and medical applications, and carpet industries, Wipe and Tissues.





Asia Petrochemicals LLC

TDS FOR HP564S

PRODUCT DESCRIPTION

HP564S is a high melt flow rate homopolymer with a narrow molecular weight distribution for the high speed production of low denier continuous filament for spunbonded, 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. This grade can also be used for the production of partially oriented yarn and bulked continuous filament. HP564S is suitable for food contact.

Processing Method:

. Extrusion (Filament)

. Fiber Spinning

Packing: 25 Kg plastic bag

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

For further information please visit <http://www.asia-petrochem.com> or send an enquiry to info@asia-petrochem.com

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