Jampilen HP564S

Polypropylene Homopolymer

Jam Polypropylene Company

Message:

"Jampilen HP564S" is a high melt fow 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 anti-gasfading stabilization package and characterized by consistent high speed and low nonwoven weights. The major applications for spunbonded fabrics made of "Jampilen HP564S" are diapers, medical and sanitary tissues, protective fabrics for agricultural, industrial and medical applications, backings and llinings for the fumiture and carpet industries. This grade can also be used for the production of partially oriented yarn and bulked continuous filament. "Jampilen HP564S" is suitable for food contact.
Features:
High melt flow
Controlled rheology
Narrow molecular weight distribution
Easy processability
Gasfading resistant
Homopolymer
Typical Applications:
Spunbonded, nonwoven fabrics
Fabrics for diapers, feminine care, medical and sanitary tissues
Protective fabrics for agricultural, industrial and medical applications
Backings and linings for the fumiture and carpet industries
Oriented yam and bulked continuous filament
Wipe and Tissues

General Information	
Additive	Anti-smoke fade
Features	Homopolymer
	Resistance to gas fading
	Workability, good
	Controlled rheology
	High liquidity
	Compliance of Food Exposure
	Narrow molecular weight distribution
Uses	BCF line
	Carpet backing
	Spunbond nonwoven fabric
	Textile applications
	Bathroom products
	Filament
	Line
	Medical/nursing supplies
	Fabric
Processing Method	Filament extrusion

Fiber (spinning) extrusion

Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	40	g/10 min	ASTM D1238
Hardness	**Nominal Value**	**Unit**	**Test Method**
Rockwell Hardness (R-Scale)	102		ASTM D785
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Yield)	33.0	MPa	ASTM D638
Tensile Elongation (Yield)	8.0	%	ASTM D638
Flexural Modulus	1500	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C)	30	J/m	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (0.45 MPa, Unannealed)	91.0	°C	ASTM D648
Vicat Softening Temperature	155	°C	ASTM D1525 [1]
Accelerated Oven Ageing (150°C)	360	hr	ASTM D3012
NOTE			
1.	压 力1 (10N)		

Recommended distributors for this material

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