کوثرشیمی
Kosar Shimi
+9821 - 43462000
info@kosar.co
www.kosar.co

Jampilen HP565S

Homopolymer

Description:

"Jampilen HP565S" 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. The major applications for spunbonded fabrics made of "Jampilen HP565S" are diapers, medical and sanitary tissues, protective fabrics for agricultural, industrial and medical applications, backings and linings for the furniture and carpet industries. This grade can also be used for the production of partially oriented yarn and bulked continuous filament. "Jampilen HP565S" is suitable for food contact.

Processing Method:

Fiber Extrusion (CF, BCF)

Features:

High melt flow
Narrow molecular weight distribution
Homopolymer

Typical Applications:

Spunbonded, nonwoven fabrics
Fabrics for diapers, medical and sanitary tissues
Protective fabrics for agricultural, industrial and medical applications
Backings and linings for the furniture and carpet industries
Oriented yarn and bulked continuous filament

Approval:

Food

TYPICAL PROPERTIES	VALUE	UNIT	METHOD
Physical			
Melt Flow Rate (230 °C, 2.16kg)	38	g/10min	ASTM D1238
Density	0.9	g/cm^3	ASTM D1505
Mechanical			
Flexural Modulus	1250	MPa	ASTM D790
Tensile Strength at Yield	32	MPa	ASTM D638
Tensile Elongation at Yield	10	%	ASTM D638
Izod Impact Strength (notched) at 23 °C	30	J/m	ASTM D256
Rockwell Hardness	95	R Scale	ASTM D785
Thermal			
Vicat softening point (10N)	151	°C	ASTM D1525
H.D.T. (0.46 Mpa)	91	°C	ASTM D648
Accelerated oven ageing in air at 150 °C	250	hours	ASTM D3012