

# Jampilen Z69S

## Homopolymer

### Description:

"Jampilen Z69S" is a high melt flow homopolymer for the production of CF, BCF and staple fibres at medium to high spinning speeds. "Jampilen Z69S" exhibits excellent anti-gasfading properties.

"Jampilen Z69S" is suitable for low denier staple fibres for nonwoven fabrics for diapers, medical-sanitary applications and wipes. Another typical application is high tenacity continuous filament for straps for backpacks, sport bags, bulk bags and for safety belts.

Continuous filament with medium tenacity is used for upholstery and sportswear.

"Jampilen Z69S" is also suited for the production of bulked continuous filament for carpets. "Jampilen Z69S" is suitable for food contact.

### Processing Method:

Extrusion ( BCF, CF and staple fibers )

### Features:

High melt flow  
Excellent anti-gasfading  
Homopolymer

### Typical Applications:

Nonwoven fabrics for diapers, medical-sanitary applications and wipes  
Straps for backpacks, sport bags, bulk bags and for safety belts  
Upholstery and sportswear  
Bulked continuous filament for carpets

### Approval:

Food

TYPICAL PROPERTIES	VALUE	UNIT	METHOD
<b>Physical</b>			
Melt Flow Rate (230 °C, 2.16kg)	25	g/10min	ISO 1133
Density	0.9	g/cm <sup>3</sup>	ISO 1183
<b>Mechanical</b>			
Flexural Modulus	1550	N/mm <sup>2</sup>	ISO 178
Tensile Strength at Yield	35	N/mm <sup>2</sup>	ISO R 527
Tensile Elongation at Yield	13	%	ISO R 527
Izod Impact Strength (notched) at 23 °C	3	kJ/m <sup>2</sup>	ISO 180
Hardness Shore D	72	points	ISO 868
<b>Thermal</b>			
Vicat softening point (9.8N)	155	°C	ISO 306/A
H.D.T. (0.46 Mpa)	118	°C	ISO 75/B
Accelerated oven ageing in air at 150 °C	360	hours	ISO 4577