

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 |
|--|-------|-------------------|-----------|
| Physical | | | |
| Melt Flow Rate (230 °C, 2.16kg) | 25 | g/10min | ISO 1133 |
| Density | 0.9 | g/cm ³ | ISO 1183 |
| Mechanical | | | |
| Flexural Modulus | 1550 | N/mm ² | ISO 178 |
| Tensile Strength at Yield | 35 | N/mm ² | ISO R 527 |
| Tensile Elongation at Yield | 13 | % | ISO R 527 |
| Izod Impact Strength (notched) at 23 °C | 3 | kJ/m ² | ISO 180 |
| Hardness Shore D | 72 | points | ISO 868 |
| Thermal | | | |
| 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 |