



CO POLYMER

Z 30 S

“Product Description:

Moplen Z 30S is a high melt flow homopolymer for the production of low denier BCF, CF, and

staple fibers at medium to high spinning speeds.

Moplen Z30S offers a high homogeneity, stable extrusion and excellent process ability on

both short and long spinning lines. This grade allows a high stretch ratio and gives tough and

resilient fibers.

Application:

Moplen Z30S is widely used for the production of bulked continuous filament for carpet face

yarns.

Another major application is the production of high tenacity continuous filament for straps for

backpacks, handles for big bags and safety belts.

Continuous filament with medium tenacity is used for upholstery, sports wear and heavy duty

clothing. “

Moplen Z 30 S is also suitable for the production of low denier staple fibres for Thermobonding.



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Property	Unit	Typical Value	Test Method
MFI	Dg/min	25	ISO 1133
Density	g/cm ³	0,9	ISO 1183
Flexural Modulus	N/mm ²	1550	ISO 178
Tensile	N/mm ²	35	ISO R 527
Elongation at Yield	%	13	ISO R 527
Izod Impact strength (notched) at 23 °C	Kj/m ²	3	ISO 180
Hardness Shore D	point	72	ISO 868
Vicat softening point (9.8 N)	°C	155	ISO 306/A
H.D.T (0.46 Mpa)	°C	118	ISO 75/B

SURIN