



## NAME: Z 30 S

### Product Description:

Moplen Z 30S is a high melt flow homo-polymer 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, sportswear and heavy duty clothing. "

Moplen Z 30 S is also suitable for the production of low denier staple fibers for

### Typical data: (Table)

Property	Unit	Typical Value	Test Method
MFI	Dg/min	25	ISO 1133
Density	g/cm <sup>3</sup>	0.9	ISO 1183
Flexural Modulus	N/mm <sup>2</sup>	1550	ISO 178
Tensile	N/mm <sup>2</sup>	35	ISO R527
Elongation at yield	%	13	ISO R527
Izod Impact strength (notched) at 23 °C	Kj/m <sup>2</sup>	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

\* Typical Values: not to be construed as specifications thermo molding

Moplen Z 30 S is suitable for food contact.

**Packing:** 25 Kg plastic bag