

## NAME: Z30S

### Product Description:

Moplen Z30S 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 al also suitable for the production of low denier staple fibers for thermos bonding.

### Typical data: (Table)

Property	Value	Units	Test Method
Density (23°C)	0,9	g/cm <sup>3</sup>	ISO 1183
MFI	25	Dg/min	ISO 1133
Flexural Modulus	1550	N/mm <sup>2</sup>	ISO 178
Tensile	35	N/mm <sup>2</sup>	ISO R527
Elongation	13	%	ISO R527
Izod Impact at 23 °C	3	Kj/m <sup>2</sup>	ISO 180
Hardness shore D	72	POINT	ISO 868
Vicat	155	°C	ISO 306/A
H.D.T	118	°C	ISO 75/B