

## PP Z30S (HOMO POLYMER)

Property	Unit	Test method	Value
MFI( At 2.16Kg Load , 230°C)	g/10min	ISO 1133	25
Density	g/cm <sup>3</sup>	ISO 1183	0.9
Flexural Modulus	MPa	ISO 178	1550
Hardness Shore D		ISO 868	72
Izod Impact, Notche( at +23°C)	kJ/m <sup>2</sup>	ISO 180	3
Tensile Elongation at Yield	%	ISO 527	13
Tensile Strength at Yield	MPa	ISO 527	35
Heat Deflection Temperature	C°	ISO 75	118
Oven Aging( At 150°C , Air)	hours	ISO 4577	360
Vicat Softening Point	C°	ISO 306	155

**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.

**Applications:** 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.

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