

## Technical Datasheet

- **Grade Name:** PP Z30S
- **Categories:** Polymer, Thermoplastic, Homopolymer, Polypropylene
- **Processing Methods:** Extrusion
- **Applications:** Carpet face yams, Straps and backpacks, Handles for big bags and safety belts, Fibers for thermobonding.
- **Features:** High homogeneity, Excellent processability on both short and long spinning

Physical Properties			
Properties	Value	Unit	Test Method
MFI( 230 °C/2.16 Kg)	25	Dg/ min	ISO 1133
Density	0.9	g/cm <sup>3</sup>	ISO 1183
Mechanical Properties			
Properties	Value	Unit	Test Method
Flexural Modulus	1550	N/mm <sup>2</sup>	ISO 178
Tensile Elongation at Yield	13	%	ISO R 527
Tensile Strength at Yield	35	N/mm <sup>2</sup>	ISO R 527
IZOD impact strength - (notched) at 23°C	3	KJ/m <sup>2</sup>	ISO 180
Hardness Shore D	72	Points	ISO 868
Thermal Properties			
Properties	Value	Unit	Test Method
H. D. T (0.46 MPa)	118	°C	ISO 75/B
Vicat Softening Point (9.8 N)	155	°C	ISO 306/A

Typical Properties: These values are not to be considered as product specifications.

