

Technical Datasheet

- **Grade Name:** PP C30S HOMOPOLYMER
- **Categories:** Polymer, Thermoplastic, Polypropylene, Polypropylene Homopolymer
- **Processing Methods:** Extrusion (Sheet, film yarn, monofilament)
- **Applications:** Baler twines, Packaging twines and ropes, Brush and broom filling and technical applications, Coextruded film for packaging, Thin sheet for stationery folders, Sheet for thermoforming, Gunny sacks
- **Features:** Good processability, Good Flowability, Good mechanical properties

Physical Properties			
Properties	Value	Unit	Test Method
MFI(230 °C/2.16 Kg)	6	g/10min	ISO 1133
Density	0.9	g/cm ³	ISO 1183
Mechanical Properties			
Properties	Value	Unit	Test Method
Flexural Modulus	1500	N/mm ²	ISO 178
Izod Impact Strength, Notched	4	KJ/m ²	ISO 180
Tensile Elongation at Yield	13	%	ISO R 527
Tensile Strength at Yield	34	N/mm ²	ISO R 527
Hardness Shore D	71		ISO 868
Thermal Properties			
Properties	Value	Unit	Test Method
H. D. T (0.46 MPa)	112	°C	ISO 75/B
Oven Aging (150 °C, Air)	360	h	ISO 4577
Vicat Softening Point (9.8 N)	155	°C	ISO 306/A

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

