



PP Z30S

Polypropylene Homopolymer · Fibre & Filament Grade

Also traded as Homopolymer · Origin: Iran

MFR (230 °C / 2.16 KG)

25 g/10 min

DENSITY

0.90 g/cm³

PROCESS

Fibre Spinning

HDT (0.46 MPA)

118 °C

PRODUCT DESCRIPTION

PP Z30S is a high-melt-flow homopolymer for low-denier BCF, CF and staple fibres at medium to high spinning speeds. It offers high homogeneity, stable extrusion and a high stretch ratio, giving tough, resilient fibres. Suitable for food contact.

- High melt flow
- High stretch ratio
- Stable extrusion
- Food-contact grade

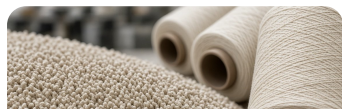
PROCESSING GUIDE

Process	BCF, CF & staple fibre
Melt temperature	230 – 270 °C
Spinning speed	Medium – high
Form	Natural pellets

TYPICAL PROPERTIES

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE
PHYSICAL			
Melt Flow Rate (230 °C / 2.16 kg)	ISO 1133	g/10 min	25
Density	ISO 1183	g/cm ³	0.90
MECHANICAL			
Flexural Modulus	ISO 178	MPa	1550
Tensile Strength at Yield	ISO 527	MPa	35
Tensile Elongation at Yield	ISO 527	%	13
Izod Impact, notched (23 °C)	ISO 180	kJ/m ²	3
Hardness, Shore D	ISO 868	—	72
THERMAL			
Vicat Softening Point (A/10 N)	ISO 306	°C	155
HDT (0.46 MPA)	ISO 75/B	°C	118
Oven Ageing in Air (150 °C)	ISO 4577	h	360

APPLICATIONS



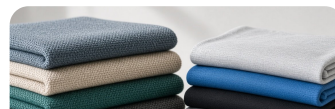
BCF Carpet Yarn



High-Tenacity Straps



Nonwoven Staple Fibre



Upholstery & Sportswear

PACKAGING

25 kg PE / woven bags
Palletised or jumbo on request
20' / 40' container loading

SUPPLY

Delivery ex-factory or at border
100% pre-shipment inspection
Full export documentation



Get Today's Price

Scan to request a quote for PP Z30S on WhatsApp.

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◆ DIRECT SUPPLY FROM IRAN

◆ PREMIUM GRADES

◆ COMPETITIVE PRICES

◆ WORLDWIDE EXPORT

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The values above are typical and are not to be construed as specification limits. Users should verify suitability for their own process and application.

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