



PP 552R

Polypropylene Homopolymer · Fibre & Filament Grade

Also traded as HP552R · Origin: Iran

MFR (230 °C / 2.16 KG)

26 g/10 min

DENSITY

0.90 g/cm³

PROCESS

Fibre

FLEXURAL MODULUS

1350 MPa

PRODUCT DESCRIPTION

PP 552R is a high-melt-flow homopolymer for CF, BCF and fine-denier staple fibres at medium to high spinning speeds, with excellent anti-gas-fading properties. It suits nonwovens for hygiene and medical use, high-tenacity filament and BCF carpet yarn. Suitable for food contact.

- High fluidity
- Excellent anti-gas-fading
- Easy processability
- Food-contact grade

PROCESSING GUIDE

Process	CF, BCF & 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)	ASTM D1238	g/10 min	26
Density	ASTM D1505	g/cm ³	0.90
MECHANICAL			
Flexural Modulus	ASTM D790	MPa	1350
Tensile Strength at Yield	ASTM D638	MPa	32
Tensile Elongation at Yield	ASTM D638	%	8
Izod Impact, notched (23 °C)	ASTM D256	J/m	15
THERMAL			
Vicat Softening Point (B/120)	ASTM D1525	°C	152
HDT (0.45 MPa)	ASTM D648	°C	85
Oven Ageing in Air (150 °C)	ASTM D3012	h	360

APPLICATIONS



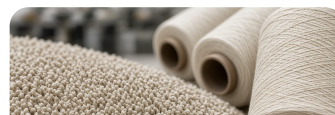
Nonwoven Fabrics



Hygiene & Medical



High-Tenacity Straps



BCF Carpet Yarn

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 552R on WhatsApp.

+98 912 640 4020

◆ DIRECT SUPPLY FROM IRAN

◆ PREMIUM GRADES

◆ COMPETITIVE PRICES

◆ WORLDWIDE EXPORT

PHONE
+98 21 25903
+98 21 2611 6515

WHATSAPP
+98 912 640 4020
+98 912 859 5812

OFFICE
Pasdaran, Tehran
Iran

WEB
en.rabinpolymer.com
/product/pp-552r/

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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