



SIRJAN GOSTAR CO.

Founder and Member of the Board the Iranian Oil, Gas & Petrochemical Products Exporters' Association



PP ZH552R

Polypropylene Homopolymer for production of CF, BCF and staple fibers.



Product Description:

- ZH552R is suitable for low denier staple fibers for nonwoven fabrics, as well as production of continuous filament with medium tenacity and bulk continuous filaments.
- This grade exhibits excellent anti gas fading properties.



Application:

ZH552R has wide use for production of carpets, upholstery, sportswear, straps, safety belts, diapers and sport bags.

Typical Properties [a,b]	Method	Unit	Value (a)	Tolerance
Melt flow rate (230 °C, 2.16 Kg)	ASTM D 1238	gr/10 min	25	±3
Vicat softening point (9.8 N)	ASTM D 1525	° C	152	±4
H.D.T. (0.46 MPa)	ASTM D 648	° C	94	±8
Flexural modulus	ASTM D 790	MPa	1500	±150
Tensile strength at yield	ASTM D 638	MPa	32	±4
Elongation at yield	ASTM D 638	%	13	-3
Izod impact strength (notched) at 23° C	ASTM D 256	J/M	30	±3
Rockwell hardness [R - B Scale]	ASTM D 785	R - B	100	+20

a) Values shown are averages and are not to be considered as exact product specifications.

b) All specimens are prepared by injection molding.

PP ZH552R is suitable for food contact.

