



SIRJAN GOSTAR CO.

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



PP ZH561R

Polypropylene Homopolymer for production of Continuous Filaments for Spun bond Nonwoven



Product Description:

- ZH561R is a very narrow molecular weight distribution homopolymer, suitable for extrusion applications.
- ZH561R is designed for production of continuous filaments. Typical applications are HTY and spunbond nonwoven.



Application:

ZH561R can be used for production of filter fabrics, liners, medical wear, baby diaper and feminine care products and also geogrids.

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	151	±4
H.D.T. (0.46 MPa)	ASTM D 648	° C	94	±8
Flexural modulus	ASTM D 790	MPa	1550	±135
Tensile strength at yield	ASTM D 638	MPa	30	±4
Elongation at yield	ASTM D 638	%	11	-2
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.

