



NAVID ZAR CHIMI Ind. Co.
Polypropylene Manufacturer



• Parslen ZH554O

Polypropylene Homopolymer for Production of Fine Denier Staple Fibers
For Nonwoven Thermobonded Fabrics.

🕒 Product Description:

- Fabrics made with Parslen ZH554O are characterized by softness, textile-like appearance and high tear resistance.
- In comparison with standard Polypropylene types for thermobonding applications, Parslen ZH554O offers better processability with the long-spinning technology resulting in high and uniform fiber quality and less down-time.

🕒 Application:

- The fabrics are particularly suited for the production of fabrics for feminine care products, diapers, incontinence pads, medical disposables, wipes and other applications include filters and fabrics for the automotive, clothing and furniture industry.



Typical Properties [a,b]	Method	Unit	Value(a)	Tolerance
Melt flow rate(230 ° C, 2.16 Kg)	ASTM D 1238	gr/10 min	16	±1
Vicat softening point (9.8 N)	ASTM D 1525	° C	154	±4
H.D.T. (0.46 MPa)	ASTM D 648	° C	95	±8
Flexural modulus	ASTM D 790	MPa	1550	±150
Tensile strength at yield	ASTM D 638	MPa	33	-6
Elongation at yield	ASTM D 638	%	12	-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	102	+18

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

b) All specimens are prepared by injection molding.

(Last revised 31, July 2008)



Parslen ZH554O is suitable for food contact.