



PRODUCT DATA SHEET

Parslen ZH554O

**Polypropylene Homopolymer for Production of Fine Denier Staple Fibers
For Non woven Thermo bonded Fabrics.**

- Fabrics made with Parslen ZH554O are characterized by softness, textile-like appearance and high tear resistance.
- 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.
- In comparison with standard Polypropylene types for thermo bonding applications, Parslen ZH554O offers some distinct advantages.
 - The process ability with the long-spinning technology is outstanding, resulting in high and uniform fiber quality and less down-time.
 - Parslen ZH554O gives a broad thermal bonding window, which facilitates start-up and adjustments of the plant.
 - This grade has better flow properties and higher elongation than grades with similar applications but lower MFI.

Typical Properties [a,b]	Method	Unit	Value(a)
Thermal Properties			
Melt flow rate(230 ° C, 2.16 Kg)	ASTM D 1238	gr/10 min	16
Vicat softening point (9.8 N)	ASTM D 1525	° C	154
H.D.T. (0.46 MPa)	ASTM D 648	° C	94
Mechanical Properties			
Flexural modulus	ASTM D 790	MPa	1550
Tensile strength at yield	ASTM D 638	MPa	33
Elongation at yield	ASTM D 638	%	12
Izod impact strength(notched) at 23° C	ASTM D 256	J/m	30
Rockwell hardness [R – B Scale]	ASTM D 785	R – B	102

Parslen ZH554O is suitable for food contact.

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 2007)