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## Technical Datasheet

### ZH5540

#### 1) Product Description:

Polypropylene Homopolymer for production of fine denier staple fibers for nonwoven thermobonded fabrics.

Fabrics made with Parslen ZH5540 are characterized by softness, textile-like appearance and high tear resistance.

In comparison with standard polypropylene types for thermobonding applications, Parslen ZH5540 offers better processability with the long- spinning technology resulting in high and uniform fiber quality and less down-time.

#### 2) Applications:

- ✓ 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.

#### 3) Typical data:

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE*
Melt flow rate (230°C/2.16 kg)	ASTM D-1238	gr/10min	16
Vicat Softening Point (9.8N)	ASTM D-1525	°C	154
Elongation at yield	ASTM D-638	%	12
Rockwell Hardness[R-B Scale]	ASTM D-785	R-B	102
Tensile strength at yield	ASTM D-638	MPa	33
Izod Impact strength (notched) at 23°C	ASTM D-256	J/m	30
H.D.T (0.46 MPa)	ASTM D-648	°C	95
Flexural modulus	ASTM D 790	MPa	1550

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