

Parslen ZH554N

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

Product Description

- Fabrics made with Parslen ZH554N are characterized by softness, textile-like appearance and high tear resistance.
- In comparison with standard Polypropylene types for thermobonding applications, Parslen ZH554N offers some distinct advantages.
- The processability with the long-spinning technology is outstanding, resulting in high and uniform fibre quality and less down-time.
- Parslen ZH554N gives a broad thermal bonding window, which facilitates start-up and adjustments of the plant.
- Parslen ZH554N shows a 20 to 30% increase in thermal bonding ability. This makes it possible to produce fabrics with a higher tear strength or with a lower weight per m² for the same strength.

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.

Producer

Navid Zar Chimi Petrochemical Company

Properties	Value	Tolerance	Units	Test Method
Melt flow rate (230°C, 2.16 Kg)	12	±3	gr/10 min	ASTM 01238
Vicat softening point (9.8 N)	155	±4	°C	ASTM D 1525
H.O.T. (0.46 Mpa)	117	±8	°C	ASTM 0 648
Flexural modulus	1550	±150	MPa	ASTM D 790
Tensile strength at yield	35	±4	MPa	ASTM 0 638
Elongation at yield	13	-3	%	ASTM D 638
Izod impact strength(notched) at 23°C	36	±3	J m	ASTM 0256
Rockwell hardness [R - B Scale)	71	±20	R-B	ASTM 0 785

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

b) All specimens are prepared by injection molding.

Parslen ZB332C is suitable for food contact