



Parslen ZH564S

Parslen ZH564S is a high melt flow rate homopolymer with a narrow molecular weight distribution for the high speed production of low denier continuous filament for spunbonded and nonwoven fabrics.

"Parslen ZH564S" is a polypropylene homopolymer used for extrusion applications. It has a narrow molecular weight distribution and is formulated with an anti-gasfading stabilisation package. "Parslen ZH564S" is used for the production of continuous filaments. Typical applications are partially-oriented yarns (POY) and spunbond nonwovens. It has excellent draw ability and spinnability properties, and is particularly suitable for production of fine denier spunbond non-wovens. Potential end use applications include diapers and sanitary napkins, apparel covers, wet tissues, shopping bags and agricultural-use textiles.

Processing Method:

Continuous Filament/Spinning
Spunbond Fiber extrusion (BCF/CF)

Features:

High melt flow
Excellent anti-gasfading properties
Good processability

Typical Applications:

Absorption & Filtration
Filament Yarn
Geotextile & Agriculture
Hygiene Nonwoven
Wipes/Tissues

Typical properties	Unit	Value	Method
Melt Flow Rate (230°C, 2.16kg)	g/10min	40	ASTM D1238
Flexural Modulus	MPa	1400	ASTM D790
Tensile Strength at Yield	MPa	32	ASTM D638
Tensile Elongation at Yield	%	9	ASTM D638
Izod Impact Strength (notched) at 23 °C	J/m	30	ASTM D256
Rockwell Hardness	R-Scale	100	ASTM D785
Vicat softening point	°C	152	ASTM D1525
H.D.T. (0.45 MPa)	°C	85	ASTM D648

* These are typical property values not to be construed as specification limits.