

Technical Datasheet

ZH552R

1) Product Description:

Polypropylene Homopolymer for CF, BCF, and staple fibers.

Parslen ZH552R is suitable for low denier staple fibers for nonwoven fabrics, as well as production of continuous filament with medium tenacity and bulk continuous filaments. This grade exhibits excellent anti gas fading properties.

2) Applications:

- ✓ ZH552R has wide use for production of carpets, upholstery, sportswear, straps, safety belts, diapers and sport bags.

3) Typical data:

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUE*
Melt flow rate (230°C/2.16 kg)	ASTM D-1238	gr/10min	25
Vicat Softening Point (9.8 N)	ASTM D-1525	°C	152
Elongation at yield	ASTM D-638	%	13
Rockwell Hardness[R-B Scale]	ASTM D-785	R-B	100
Tensile strength at yield	ASTM D-638	MPa	32
Izod Impact strength (notched) at 23°C	ASTM D-256	J/m	30
H.D.T (0.46 MPa)	ASTM D-648	°C	94
Flexural modulus	ASTM D 790	MPa	1500