
Technical Datasheet

ZH550J

1) Product Description:

Polypropylene Homopolymer for Extrusion of sheets, for thermoforming, Film Yarn, and Monofilament. Parslen ZH550J combines outstanding processability with good mechanical properties and is designed to produce stiff sheet for high quality thermoforming articles.

Parslen ZH550J is also particularly suitable to produce film yarn, with both cast and tubular processes with a denier count in the range of 1100 to 28000 depending on final product required.

2) Applications:

- ✓ Parslen ZH550J is also well suited for production of heavy duty bags, monofilaments nets.

3) Typical data:

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUE*
Melt flow rate (230°C/2.16 kg)	ASTM D-1238	gr/10min	3.2
Vicat Softening Temp (9.8N)	ASTM D-1525	°C	156
Elongation at yield	ASTM D-638	%	12
Rockwell Hardness	ASTM D-785	R-B	102
Tensile strength at yield	ASTM D-638	MPa	35
Izod Impact strength (notched) at 23°C	ASTM D-256	J/m	55
H.D.T (0.46 MPa)	ASTM D-648	°C	94
Flexural modulus	ASTM D 790	MPa	1550