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## Technical Datasheet

### ZH550L

#### 1) Product Description:

Parslen ZH550L offer good flow properties, easy processing and high stiffness. This grade is suitable for the production in film yan industry for bags, but with slight decrease in the tensile strength compare to ZH550J. This grade is not very suitable for heavy duty jumbo bag production.

#### 2) Applications:

- ✓ In addition to production of film yarn, ZH550L is also widely used for injection Molding application, components for appliance, parts for the automotive industry, toys and the garden furniture.

#### 3) Typical data:

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUE*
Melt flow rate (230°C/2.16 kg)	ASTM D-1238	gr/10min	6
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	100
Tensile strength at yield	ASTM D-638	MPa	35
Izod Impact strength (notched) at 23°C	ASTM D-256	J/m	40
H.D.T (0.46 MPa)	ASTM D-648	°C	94
Flexural modulus	ASTM D 790	MPa	1550