



PRODUCT DATA SHEET

Parslen ZH550L

Polypropylene Homopolymer for Injection Molding

- Parslen ZH550L offers good flow properties, easy processing and high stiffness.
- This grade is suitable for the substitution with ZH550J (Raffia Grade MFI ~ 3) in order to increase the production in film yarn 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.
- ZH550L is also widely used for injection Moulding application, components for appliance, parts for the automotive industry, toys, and the garden furniture.

Typical Properties [a,b]	Method	Unit	Value(a)
Thermal Properties			
Melt flow rate(230 ° C, 2.16 Kg)	ASTM D 1238	gr/10 min	6
Vicat softening point (9.8 N)	ASTM D 1525	° C	154
H.D.T. (0.46 MPa)	ASTM D 648	° C	94
Mechanical Properties			
Flexural modulus	ASTM D 790	MPa	1550
Tensile strength at yield	ASTM D 638	MPa	35
Elongation at yield	ASTM D 638	%	12
Izod impact strength(notched) at 23° C	ASTM D 256	J/m	40
Rockwell hardness [R – B Scale]	ASTM D 785	R – B	94

Parslen ZH550L is suitable for food contact.

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

b) All specimens are prepared by injection molding.

(Last revised 31, July 2007)