

AKSAD GROUP PETROCHEM

550L

Description

ZH550L offers flow properties, easy processing and high stiffness.

This grade is suitable for the production in film yarn industry for bags, but with slight decrease in the tensile strength compare to ZH550L. This grade is not very suitable for heavy duty jumbo bag production.

Application

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's.

properties	Value	Unit	Method	Tolerance
Melt flow rate(230 C°,2.16 kg)	6	gr/10 min	ASTM D 1238	(+/-) 1
Vicat softening point(9.8 N)	154	C°	ASTM D 1525	(+/-) 4
H.D.T.(0.46 MPa)	94	C°	ASTM D 648	(+/-) 7
Flexural modulus	1550	MPa	ASTM D 790	(+/-) 150
Tensile strength @Yield	35	MPa	ASTM D 638	(+/-) 5
Elongation @Yield	12	%	ASTM D 638	-2
Izod impact strength(notched)@ 23 C°	40	J/m	ASTM D 256	(+/-) 4
Rockwell hardness (R-B Scale)	100	R-B	ASTM D 785	+20

*Val use shown are average and are not to be considered as exact product specifications.

* All specimens are prepared by injection molding.