

ZH 510M

Product Description

ZH510 M exhibits excellent processability and outstanding optical properties.

This makes ZH510 M particularly suitable for packing food-stuffs such as pasta, snacks, biscuits, bakery products and confectionary. Other applications include film for packing of flowers, books, stationary ,blankets ,shirts, and knitwear.

Application

ZH510 M is also very appropriate for the extrusion of small pipe and drinking straws.

ZH510 M can be used for lamination with polyester, polyamide and aluminum for packaging of snacks, crisps, sweets, coffee, meat products and pre-cooked foods.

In these applications ,ZH510 M gives an excellent high gloss finish in laminates and exhibits good printability after Corona treatment.

ZH510 M can also be coextruded with heterophasic copolymer grade to produce high gloss finishes on blow molded pigmented bottles and coextruded sheet.

Properties	Value	Unit	Method	Tolerance
Melt flow rate(230c°,2.16Kg)	9	gr/10min	ASTM D 1238	(+/-) 2
Vicate softening point (9.8 N)	155	C°	ASTM D 1525	(+/-) 4
H.D.T.(0.46 MPa)	115	C°	ASTM D 648	(+/-)10
Flexural modulus	1500	MPa	ASTM D 790	(+/-) 150
Tensile strength@yield	34	MPa	ASTM D 638	(+/-) 5
Elongation@yield	13	%	ASTM D 638	-2
Izod impact strength(notched)@23 c°	40	J/m	ASTM D 256	(+/-)4
Rocwell hardness (R-B Scale)	71	R-B	ASTM D 785	(+/-) 10
Haze	1	%	ASTM D 17031	(+/-) 0.1
Gloss (45c°)	85	%	ASTM D 17021	(+/-) 3