



Technical Datasheet: ZH422H

Product Description:

ZH422H has been developed for coextrusion lines with a very high output and linear speed. The product allows an outstanding extrusion stability and thickness variation control. Especially on cascade lines the product provides also a very high drawability and readiness to a two way orientation. The formulation of additives is specially designed for production of BOPP films to be metallized. Metallized BOPP films produced with ZH422H feature good mechanical properties, high impact strength and puncture resistance even at low temperatures. The films form an excellent barrier against moisture, odors, oil, fats oxidation and feature high transparency, high gloss and good printability after corona treatment.

Applications:

Coextruded film with a thickness of 20 to 40 microns is used for the automatic packaging of bakery products, snacks and pasta as well as for the overwrapping of boxes and cigarette packets.

Typical data:

Property	Test method	Unit	value
Melt Flow Rate (230°C/2.15kg)	ASTM D1238	gr/10 min	2
Vicat Softening Point(9.8N)	ASTM D1525	°C	154
H.D.T(0.48MPa)	ASTM D648	°C	92
Flexural Modulus	ASTM D790	MPa	1550
Tensile Strength at Yield	ASTM D638	MPa	35
Elongation at Yield	ASTM D 638	%	12
Izod impact Strength(9notched) at 23°C	ASTM D 256	J/m	60
Rockwell Hardness	ASTM D785	R-B	102