Braskem

Data Sheet

Ethylene-Vinyl Acetate Copolymer HM 728F

Description:

HM 728 is a copolymer of Ethylene-Vinyl Acetate (EVA) with high vinyl-acetate content, containing low gel, exhibits low hardness, good optical properties and low temperature of heat seal.

Additives:

Contain Antioxidant.

Application:

HM728F is suitable for film application allow to be processed on blown or cast film equipment, with improving adhesion on many substrates: OPP, PVDC, PS.

Typical Properties:

Resin Properties	ASTM Method	Units	Values
Melt Flow Rate (190/2.16)	D 1238	g/10 min	6.0
Vinyl-Acetate Content	FTIR (Braskem)(1)	% (w/w)	28.0
Density	D 792	g/cm3	0.951
Melting Point	D 3418	ºC	73
Vicat Softening Temperature at 10 N	D 1525	ºC	43

Mechanical Properties (Plaque) (2)	ASTM Method	Units	Values
Tensile Strength at Break	D 638	MPa	16
Elongation at Break	D 638	%	>1000
Hardness	D 2240	Shore A	80
Hardness	D 2240	Shore D	26

(1) Braskem internal method available for customers.
(2) Test specimens prepared from compression molded plate according to ASTM D 4703.

Processing Information:

The resin HM728F may be processed on conventional extrusion equipment. It is recommended that the melt temperature be kept below 230°C as decomposition can occur at higher temperatures.

After this resin to be processed we recommended extrusion of polyethylene resins before to shutdown of the extruder to prevent degradation of the polymer left in the extruder and downstream components.