

Jampilen HP510M

Homopolymer

Description:

"Jampilen HP510M" is a homopolymer particularly suited for the extrusion of cast and water quenched blown films.

"Jampilen HP510M" is formulated with a general purpose stabilization package and does not contain any slip or antiblocking agents. This grade exhibits excellent processability and outstanding optical properties.

"Jampilen HP510M" renders high gloss finish in laminates and exhibits good printability after Corona treatment.

Processing Method:

Cast film
Water quenched blown film
Extrusion (Small pipes)
Blow molding

Features:

Excellent processability
Good optical properties
Excellent gloss
Homopolymer

Typical Applications:

Film for packaging food-stuffs such as pasta, snacks, biscuits, bakery products and confectionery
Film for packaging of flowers, books, stationery, blankets, shirts, knitwear and hosiery
Lamination with polyester, polyamide and aluminum for packaging of snacks, crisps, sweets, coffee, meat products and pre-cooked foods
Small pipes and drinking straws
Blow molded pigmented bottles
Coextruded sheet

Approval:

Food

TYPICAL PROPERTIES	VALUE	UNIT	METHOD
Physical			
Melt Flow Rate (230 °C, 2.16kg)	9.0	g/10min	ASTM D1238
Density	0.9	g/cm ³	ASTM D1505
Mechanical			
Flexural Modulus	1550	MPa	ASTM D790
Tensile Strength at Yield	35	MPa	ASTM D638
Tensile Elongation at Yield	12	%	ASTM D638
Izod Impact Strength (notched) at 23 °C	37	J/m	ASTM D256
Rockwell Hardness	102	R Scale	ASTM D785
Thermal			
Vicat softening point (10N)	154	°C	ASTM D1525
H.D.T. (0.46 Mpa)	95	°C	ASTM D648
Accelerated oven ageing in air at 150 °C	360	hours	ASTM D3012
Optical			
Haze	1.2	%	ASTM D1003
Gloss	88	----	ASTM D2457