

Jampilen HP510L

Polypropylene Homopolymer

Property	Unit	Test method	Value
MFR (230 oC, 2.16kg)	g/10min	ASTM D1238	6.0
Density	g/cm ³	ASTM D1505	0.9
Flexural Modulus	MPa	ASTM D790	1400
Tensile Strength at Yield	MPa	ASTM D638	32
Tensile Elongation at Yield	%	ASTM D638	9
Izod Impact Strength (notched) at 23 oC	J/m	ASTM D256	40
Vicat softening point (10N)	oC	ASTM D1525	152
H.D.T. (0.46 MPa)	oC	ASTM D648	84
Accelerated oven ageing in air at 150 oC	hours	ASTM D3012	360

Description: "Jampilen HP510L" is a polypropylene homopolymer with good flow properties and is particularly suitable for the extrusion of film yarn, monofilament, cast film and sheet. "Jampilen HP510L" combines outstanding processability with good mechanical properties. Film yarn made of "Jampilen HP510L" is used for baler twines, packaging twines and ropes.

Typical Applications: Baler twines, packaging twines and ropes, Brush and broom filling and technical applications, Coextruded film for packaging, Thin sheet for stationery folders, Sheet for thermoforming Gunny sacks

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