



Jampilen HP510L

Extrusion | Sheet, film yarn, monofilament Cast film

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.

Jampilen HP510L is well suited for the production of monofilament used for instance in brush and broom filling and technical applications.

Producer:

Jam Petrochemical Company

No	Property	Value	Units	Test Method
Physical Properties				
1	Density	0.9	g/cm ³	ASTM D1505
2	MFI	6	g/10 min	ASTM D1238
Mechanical Properties				
3	Flexural Modulus	1500	MPa	ASTM D790
4	Hardness, Rockwell R	100	-	ASTM D785
5	Izod Impact Strength, Notched	40	J/m	ASTM D256
6	Tensile Elongation at Yield	12	%	ASTM D638
7	Tensile Strength at Yield	35	MPa	ASTM D638
Thermal Properties				
8	Heat Deflection Temperature	94	°C	ASTM D648
9	Oven Aging	360	h	ASTM D3012
10	Vicat Softening Point	156	°C	ASTM D1525