Homopolymer





"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.   Write State Extrusion (Sheet, film yarn, monofilament)   Cast film Good processability   Good processability Good processability   Good processability Good mechanical properties   Honopolymer Baler twines, packaging twines and ropes   Brush and broom filling and technical applications Coextruded film for packaging   Nampilen HP510L Food   Typical Applications: Baler twines, packaging twines and ropes   Brush and broom filling and technical applications Coextruded film for packaging   Ihin sheat for stationery folders Sheet for the rotoforming   Strays Gummer Strays   Gummer Food Strays   Density 0.9 gl/mm ASTM D1238   Density 0.9 gl/mm ASTM D1505   Mechanical		Description:					
Cast film   Cast film   Good processability   Good mechanical properties   Honopolymer   Typical Applications:   Baler twines, packaging twines and ropes   Brush and broom filling and technical applications   Coexaruled film for packaging   Thin sheet for stationery folders   Sheet for thermoforming   Stavs   Gunnies   Food   TYPICAL PROPERTIES   VALUE   Physical   Melt Flow Rate (230 °C, 2.16kg)   6.0   Blow Rate (230 °C, 2.16kg)   0.9   gcm <sup>3</sup> ASTM D1238   Density 0.9   gcm <sup>3</sup> ASTM D1505   Mechanical   Flexural Modulus 1500   Mea ASTM D790   Tensile Strength at Yield 35			d is particularl nonofilament, c ines outstanding perties. Film d for baler twine vell suited for	y suitable for the ast film and sheet. processability with yarn made of es, packaging twines the production of			
Good mechanical properties   Homopolymer   Typical Applications:   Baler twines, packaging twines and ropes   Brush and broom filling and technical applications   Coextruded film for packaging   Ihin sheet for stationery folders   Sheet for thermoforming   Strays   Gumnes   Food   TYPICAL PROPERTIES   VALTE   Food   Physical   Melt Flow Rate (230 °C, 2.16kg)   0.9   gern <sup>3</sup> ASTM D1238   Density   0.9   gern <sup>3</sup> ASTM D1505   Mechanical   Flexural Modulus   Tsolo MPa   ASTM D790   Tensile Strength at Yield 35		Processing Method:	Cast film Good processability Good mechanical properties				
Brush and broom filling and technical applications   Coextruded film for packaging   Ihin sheet for stationery folders   Sheet for thermoforming   Stray's   Gunnies   Food   TYPICAL PROPERTIES   VALLE   Food   Physical   Melt Flow Rate (230 °C, 2.16kg)   6.0   g10min   ASTM D1238   Density   0.9   gcm <sup>3</sup> ASTM D1505   Mechanical   Flexural Modulus   1500 MPa   ASTM D790   Tensile Strength at Yield		Features:					
Approval:Stray's Gunnies FoodTYPICAL PROPERTIESVALTEENTEMETHODPhysical Melt Flow Rate (230 °C, 2.16kg)6.0 0.9glomin gcm³ASTM D1238 ASTM D1505Mechanical Flexural Modulus1500 35MPaASTM D790 ASTM D638		Typical Applications:	Brush and broom filling and technical applications Coexcluded film for packaging Ihin sheet for stationery folders				
Physical Melt Flow Rate (230 °C, 2.16kg)6.0 0.9Dimin g cm³ASTM D1238 ASTM D1505Mechanical Flexural Modulus1500 35MPaASTM D790 MPa		Approval:	Stray's Gunnies				
Melt Flow Rate (230 °C, 2.16kg)6.010minASTM D1238Density0.9g cm³ASTM D1505Mechanical1500MPaASTM D790Tensile Strength at Yield35MPaASTM D638		TYPICAL PROPERTIES	5	VALLE		METHOD	
Density0.9g cm³ASTM D1505MechanicalFlexural Modulus1500MPaASTM D790Tensile Strength at Yield35MPaASTM D638	_	Physical		وم		<u></u>	
Density0.9g cm³ASTM D1505MechanicalFlexural Modulus1500MPaASTM D790Tensile Strength at Yield35MPaASTM D638		Melt Flow Rate (230 °C, 2.	16kg)	6.0	g 10 min	ASTM D1238	
Flexural Modulus1500MPaSTM D790Tensile Strength at Yield35MPaASTM D638	_	Density		0.9		ASTM D1505	
Tensile Strength at Yield35MPaASTM D638		Mechanical			$\searrow$	$\langle \rangle \rangle$	
e		Flexural Modulus		1500	MPa 🔪	ASTM D790	
Tensile Elongation at Yield 12 % ASTM D638		Tensile Strength at Yield		35	MPa	ASTM D638	
12   10   ADTWD000   12   10   ADTWD000   12   10   ADTWD000   12   10   ADTWD000   10   ADTWD000  ADTWD000   10   ADTWD000  ADTWD000   10		Tensile Elongation at Yield Izod Impact Strength (notched) at 23 °C Rockwell Hardness		12	%	ASTM D638	
Izod Impact Strength (notched) at 23 °C 40 J/m ASTM D256				40	J/m	ASTM D256	
Rockwell Hardness100R ScaleASTM D785	_			100	R Scale	ASTM D785	
Thermal	_	Thermal					
Vicat softening point (10N) 154 °C ASTM D1525		Vicat softening point (10N	)	154	°C	ASTM D1525	
H.D.T. (0.46 Mpa) 94 °C ASTM D648		H.D.T. (0.46 Mpa)		94	°C		
Accelerated oven ageing in air at 150 °C 360 hours ASTM D3012		Accelerated oven ageing in	air at 150 °C	360	hours	ASTM D3012	

This data and information is considered to be correct and offered in good faith as a guide. But we do not warrant or otherwise guarantee the merchantability, fitness for a particular purpose or suitability of this information, products or processes described.