



## PP C30S

C 30 S is a polypropylene homopolymer with a good flow properties and is particularly suitable for the extrusion of film yam, monofilament, cast film and sheet. C 30 S combines outstanding process ability with good mechanical properties. C 30S is particularly suitable to produce film yam with the cast film process. Film yam of C 30 S is used for baler twines, packaging twines and ropes. C 30 S is well suited for the production of monofilament used for instance in brush and broom filling and technical applications. Other applications of C 30 S are monolayer or coextruded film for packaging, thin sheet for stationery folders and sheet for thermoforming. C 30 S is also used for the extrusion of straws

### Producer:

JAM Petrochemical Company

No	Property	Value	Units	Test Method
<b>Physical Properties</b>				
1	MFI (at 2.16kg load, 230°C)	2	dg/min	ISO 1133
2	Density	0.9	g/cm <sup>3</sup>	ISO 1183
<b>Mechanical Properties</b>				
3	Flexural Modulus	1500	N/mm <sup>2</sup>	ISO 178
4	Tensile Strength at Yield	34	N/mm <sup>2</sup>	ISO R 527
5	Tensile Elongation at Yield	13	%	ISO R 527
6	Izod Impact Strength (notched) at 23°C	4	KJ/m <sup>2</sup>	ISO 180
7	Hardness Shore D	71	points	ISO 868
<b>Thermal Properties</b>				
8	Vicat Softening Point (9.8N)	155	°C	ISO 306/A
9	H.D.T. (0.46MPa)	112	°C	ISO 75/B
10	Accelerated Oven Ageing in Air At 150 °C	360	hours	ISO 4577