



# PP C30S

polypropylene copolymer

“Jampilen EP440G’ is a nucleated heterophasic copolymer especially developed for extrusion applications. In comparison with standard polypropylene copolymers with the same fluidity, “Jampilen EP440G” exhibits higher stiffness, superior impact properties at room and sub-zero temperatures, very high dimensional stability and excellent creep and deforming resistance.

## Producer:

JAM Petrochemical Company

No	Property	Value	Units	Test Method
<b>Physical</b>				
1	Melt Flow Rate (230 °C, 2.16 kg)	1.3	g/10 min	ASTM D1238
2	Density	0.9	g/cm <sup>3</sup>	ASTM D1505
<b>Mechanical</b>				
3	Flexural Modulus	1300	MPa	ASTM D790
4	Tensile Strength at Yield	25	MPa	ASTM D638
5	Tensile Elongation at Yield	6	%	ASTM D638
6	Izod Impact Strength (notched) at 23°C	500	J/m	ASTM D256
7	Izod Impact Strength(notched)at - 20 °C	70	J/m	ASTM D256
<b>Thermal</b>				
8	Vicat Softening Point (10N)	150	°C	ASTM D1525
9	H.D.T. (0.45MPa)	92	°C	ASTM D648
10	Accelerated Oven Ageing in Air At 150 °C	360	hours	ASTM D3012

## Applications:

The main applications of “Jampilen EP440G’are thermoforming, corrugated board and extrusion low molding.

