



# Sun Prosper Chemicals Limited

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J440 is block copolymer, having excellent impact strength and high stiffness. Especially, their cold-resistant impact strength is superior because they have low melt index; thereby for products requiring high impact strength. They are approved by UL 94HB the flame retardation test.

**Applications** : - Injection Purpose : Pallets, Crates, Garden furniture, Household utensils, Automobile parts, Electronic components, Battery cases, Washing machine parts, etc.  
- Extrusion Purpose : Industrial sheets, Pipes

PROPERTIES	TEST METHOD	UNIT	J440
Melt index	ASTM D1238	g/10 min	4
Tensile strength(yield)	ASTM D638	kg/cm <sup>2</sup>	280
Elongation(Break)	ASTM D638	%	400
Flexural Modulus	ASTM D790	kg/cm <sup>2</sup>	12,000
Izod Impact strength	23°C		12
	-10°C	ASTM D256	kg·cm/cm
Rockwell hardness	ASTM D785	R-Scale	75
Vicat Softening Point	ASTM D1525	°C	150
Heat-Deflection temperature(4.6kg/cm <sup>2</sup> )	ASTM D648	°C	105

\* The data are relative and represent empirical values obtained in various tests.

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