



Sun Prosper Chemicals Limited

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HJ801R is a well designed high isotactic homopolymer that features high stiffness, high flowability and excellent long term heat stability for injection molding applications. UL 746B(120°C)

Applications : Home appliances (Steamer, Electric sauna parts, Electric jar, Coffee maker etc.)

PROPERTIES	TEST METHOD	UNIT	HJ801R
Melt index	ASTM D1238	g/10 min	11
Tensile strength(yield)	ASTM D638	kg/cm ²	430
Elongation(Break)	ASTM D638	%	200
Flexural Modulus	ASTM D790	kg/cm ²	22,500
Izod Impact strength	23°C		3
	-10°C	ASTM D256	kg-cm/cm
Rockwell hardness	ASTM D785	R-Scale	105
Vicat Softening Point	ASTM D1525	°C	155
Heat-Deflection temperature(4.6kg/cm ²)	ASTM D648	°C	135

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