



J642 is block copolymer harmonizing impact strength with stiffness, and are widely used in general injection products requiring impact strength, and precise injection products such as electrical home appliances. And J642 is approved by UL 94HB, the flame retardation test and it has the improved stiffness having same impact strength as J640.

Applications : Washing machine parts, Electronic components, General goods, and Household utensils.

PROPERTIES	TEST METHOD	UNIT	J642
Melt index	ASTM D1238	g/10 min	10
Tensile strength(yield)	ASTM D638	kg/cm ²	290
Elongation(Break)	ASTM D638	%	250
Flexural Modulus	ASTM D790	kg/cm ²	14,500
Izod Impact strength	23°C		10
	-10°C	ASTM D256	kg·cm/cm
Rockwell hardness	ASTM D785	R-Scale	85
Vicat Softening Point	ASTM D1525	°C	150
Heat-Deflection temperature(4.6kg/cm ²)	ASTM D648	°C	120

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