

HYUNDAI STARIA HEV – BUSBAR HOLDER

This application breaks the myth that only PA can work in high voltage battery application. This is FIRST GLOBALLY USE of SABIC® unfilled, non-halogenated flame retardant PP compound for living hinge of HYUNDAI STARIA HEV busbar holder, offering superior fire performance (UL94 V0 @ 0.8 mm) and superior flexibility (>60% elongation to failure) ENABLING additional up to 6 KPV OF PLASTICS in EV battery pack. It is 10% lighter & up to 20% less-costlier solution than FR PA.

SABIC VALUE PROPOSITION



WEIGHT SAVINGS



HEAT RESISTANCE

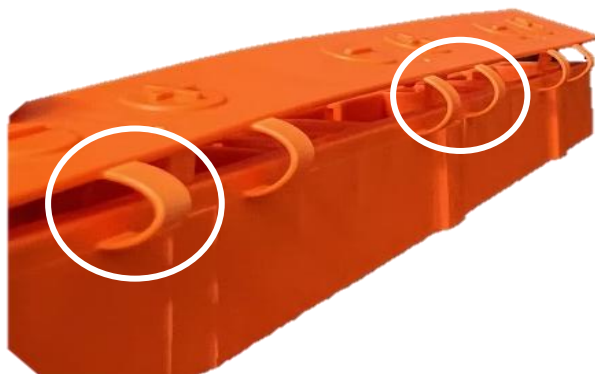
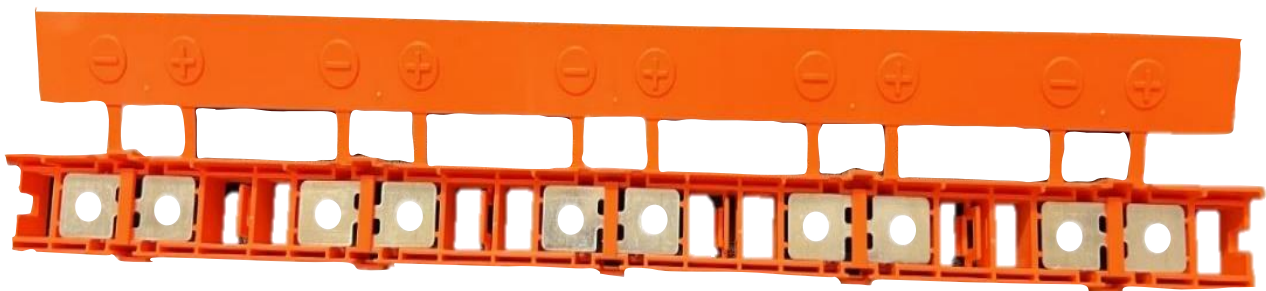


FLAME RETARDANT



COST SAVING

Product Line	Grade	Glass Filler Loading	UL94 V0 Thickness (mm)	Melt Flow Rate (g/10 min)	Tensile Modulus (MPa)	Charpy Impact Notched (kJ/m ²)
PPc	H1300	0	0.8	13, 230°C / 2.16 kg	1680	8



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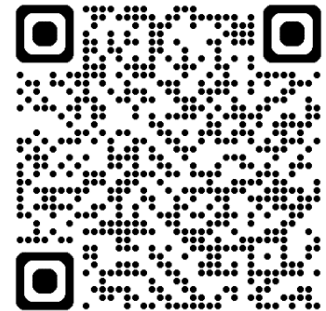
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