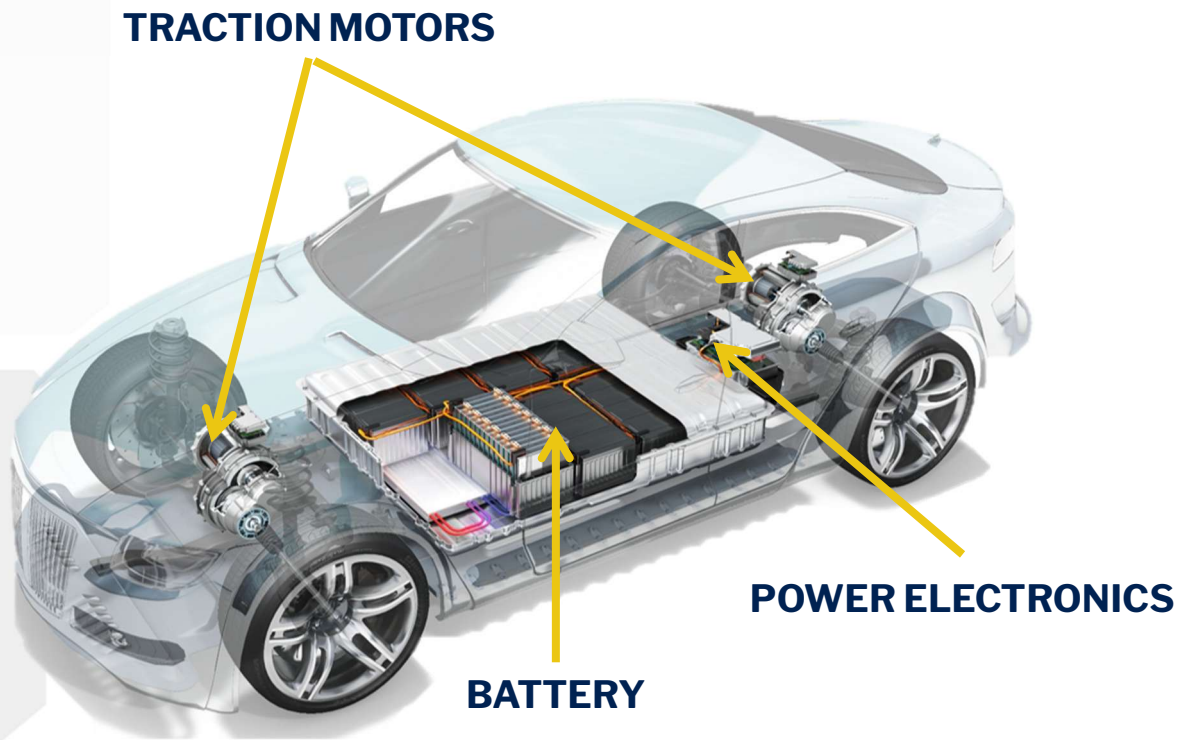


E-Mobility Solutions



TRACTION MOTORS / ACTUATORS*

Thermal Class	Product Family	Thickness (mm)	Construction	Comment
F	THERNOMID DMD	0,10~0,58	Non Woven / PET	
H	SEGUIMEX NMN	0,12~0,58	Nomex® / PET	
	SEGUIMID NHN	0,12~0,58	Nomex® / Zenimid™	GV/GF available
	SEGUIMID NKN	0,12~0,58	Nomex® / Kapton®	HN/MT/MT+ Available
	SEGUIMID GKG	0,12~0,25	Glass fiber / Zenimid™	GV/GF available
	SEGPPSU	0,12~0,30	Nomex® / PPSU	Ajedium™
C	SEGPEEK	0.1~0.25	Nomex® / PEEK	APTIV™/Ajedium™

*All products are available in 2 or 3 layers and with PREPREG coating option

BATTERY AND POWER ELECTRONICS INSULATION

Thermal Class	Product Family	Thickness (mm)	Construction	Comment
B	SEGBUS	0.125~0.190	PET film + Adhesive	For bus bar
F	SEGPREG	0.1~0.48	DM / DMD PREPEG	For Power Electronics
H	SEGPREG NF	0.16~0.51	Nomex® 410 PREPREG	For battery casing
	SEGPREG NFM	0.16~0.51	Nomex® 864 PREPREG	For battery casing

IMPREGNATION VARNISHES

Thermal Index	Type	Base	Reference	Viscosity (mPa.s)	Agglomerating power	Curing Temp	Comment
180	Epoxy	Solvent	E524TS	300~1500	18	150°C	
	Polyester	Solventless	P721	650	8	150°C	
200	Epoxy	Solventless	Royapox 502F	4000		100°C	

POTTING RESINS*

Thermal Index	Type	Reference	Viscosity (mPa.s)	Hardness (D)	Thermal Conductivity	Curing Temp	Comment
130	PU	U4612i + D84-10	8600	A33	0.9	25°C	Flexible flame retardant, V0
		U4760 + D72	4000	A70	0.5	25°C	Semi-rigid Flame retardant
155	Epoxy	E520CE-EX + D88C	1150	D70	1	25°C	Auto-Ex Flame retardant
		CAR 171 + D61	1300	D74	2.1	25°C	Flame retardant High thermal conductivity

*Other formulation on demand