

passes  
glow-wire test  
acc.to DIN  
IEC 60695-2-11

light-colorable &  
resistant to thermal ageing

resistant to  
coolants

excellent  
isolation

# E-Mobility:

dielectric-  
strength &  
creep-resistant

passes  
IEC 62196-1:  
connectors for  
e-cars

## High-Voltage Connectors

flame-  
retardant

RoHS-  
compliant

high-temperature  
resistant

### Selected BASF plastics for high-voltage connectors in electric and hybrid cars

BASF Brand	Material	Flame Retardance UL94	Dimensional Stability	Hydrolysis Resistance	Strength/ Stiffness	Temperature Resistance
Ultramid® A3X2G5	PA66-GF25 FR	V-0	●	●	●	●
Ultramid® A3XZG5	PA66-I-GF25 FR	V-0	●	●	●	●
Ultramid® A3UG5	PA66-GF25 FR	V-0	●	●	●	●
Ultramid® C3U	PA66/6 FR	V-0	●	●	●	●
Ultradur® B 4450 G5	PBT-GF25 FR	V-0	●	●	●	●
Ultramid® A3EG6	PA66-GF30	HB	●	●	●	●
Ultramid® A3EG7 LS	PA66-GF35	HB	●	●	●	●
Ultramid® B3EG6	PA6-GF30	HB	●	●	●	●
Ultradur® B 4300 G6	PBT-GF30	HB	●	●	●	●
Ultradur® B 4330 G6 HR	PBT-I-GF30	HB	●	●	●	●