

Materials for PV Panels

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PV Connectors

PA66 RPG25 BK004



MATERIAL DESCRIPTION

- 25% Glass Fiber
- High strength
- Flame retardant V0 at 0.8 mm
- High heat resistance
- Halogen free
- Good electrical properties
- No blooming



Inverter Cover

PC/ABS Emerge 7570



MATERIAL DESCRIPTION

- Inverter Cover
- High Flow
- Halogen free
- Thin wall parts
- UL 94 v-0 at 1.5 mm
- Medium impact



MC4 Connectors

PA6 AKulon K-FKGS6/B PA6-GF30 FR*



MATERIAL DESCRIPTION

- High Flow
- 30% Glass reinforced
- Heat Stabilized
- UL classified V0, 5VA
- Suitable for outdoor use in exposure to UV (f1) and in exposure to water and immersion in accordance with UL746C



Capacitor

PPA ForTii T11*



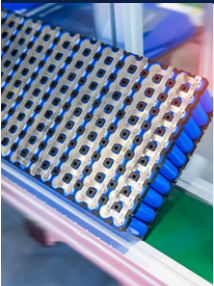
MATERIAL DESCRIPTION

- PPA-GF30 FR (40)
- 30% Glass Reinforced,
- PA4T, Electro-friendly,
- Halogen free and
- Free of red phosphorous,
- Certified V0 at 0.2mm



Cell Holder

Fibremod FE121SF-9502



MATERIAL DESCRIPTION

- Flame-Retardant stabilization V0 UL94
- High flowability
- Low density
- 10% chemically coupled glass fibre
- Stabilised for contact with metals
- High tensile strain at break
- High level of insulation



Relay

PBT RG301



MATERIAL DESCRIPTION

- UL 94 V-0 at 0.3 mm
- High mechanical strength
- High heat resistance
- Good electrical properties
- No blooming
- Reprint certificate UL from 25-80% keeping v0



Cable TPV

Sarlink TPV 3170



MATERIAL DESCRIPTION

- Well-balanced flow characteristics for a superior surface appearance
- Available from 35 Shore A to 45 Shore D
- Black and natural
- Excellent melt elasticity
- Can be processed by injection or blow molding and extrusion
- Low density



Bracket Metal Replacement

IXEF 1025



MATERIAL DESCRIPTION

- Good Chemical resistance
- Good creep resistance
- Good dimensional stability
- High flow and outstanding surface finish
- Ultra high stiffness and strength
- Low moisture absorption
- Good sterilizability
- Suitable for outdoor use in exposure to UV (f1)



Rotating Mechanism

MB50-002



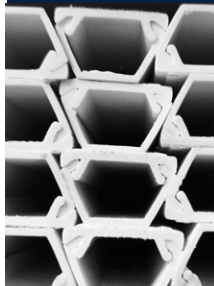
MATERIAL DESCRIPTION

- High molecular weight siloxane polymer multiple polymer bases
- Improved release
- Lower coefficient of friction



Cable Trunking

Emerge 7740



MATERIAL DESCRIPTION

- Halogen free extrusion applications
- Certified for Railway applications R22 and R23 according to EN 45545-2
- Certified for Bus application according to R118
- Satin Gloss finish



*Not available in DACH & CEE

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