

# *Tisan*



*New Generation Solutions  
for e-Vehicles*

# Compounds made of Engineering Plastics



Accurate products,  
competitive  
solutions



Environment friendly  
and high technology



Alternative Logistics  
services, delivery on  
time



Flexible production  
capability



Expert and  
powerful team



Technical  
Support

Trademarked products for  
your valuable applications



More than  
40 years  
experience

Tisan Engineering Plastics specialized on production of compounds used as raw materials more than 40 years experience. Tisan produces competitive and favorable solutions to customers based on their requirements. Our aim is to provide qualified products, flexible production, high-speed service, strong technical infrastructure, human quality competitive solutions in both standard and exclusive products for automotive industry.





## Our quality is your guarantee

Our product reach reliably the customer having passed all the quality tests in our T-LAB laboratory matching international standards.

1 Mechanical tests	2 Physical properties	3 Weathering and aging tests
4 Flammability tests	5 Color arrangement and measurements	6 Thermal and flow analysis
7 Heat deflection analysis	8 Electrical and chemical resistance	9 Dimensional tests



Reinforced with glass fiber, glass beads, carbon fiber, aramid fiber and various minerals

Impact modified from low temperature to high temperature

Flame retarded with red phosphorus, halogen based and halogen free

Electrically and thermally conductive

UV and heat stabilized

Surface modified

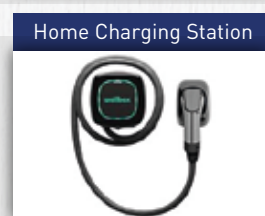
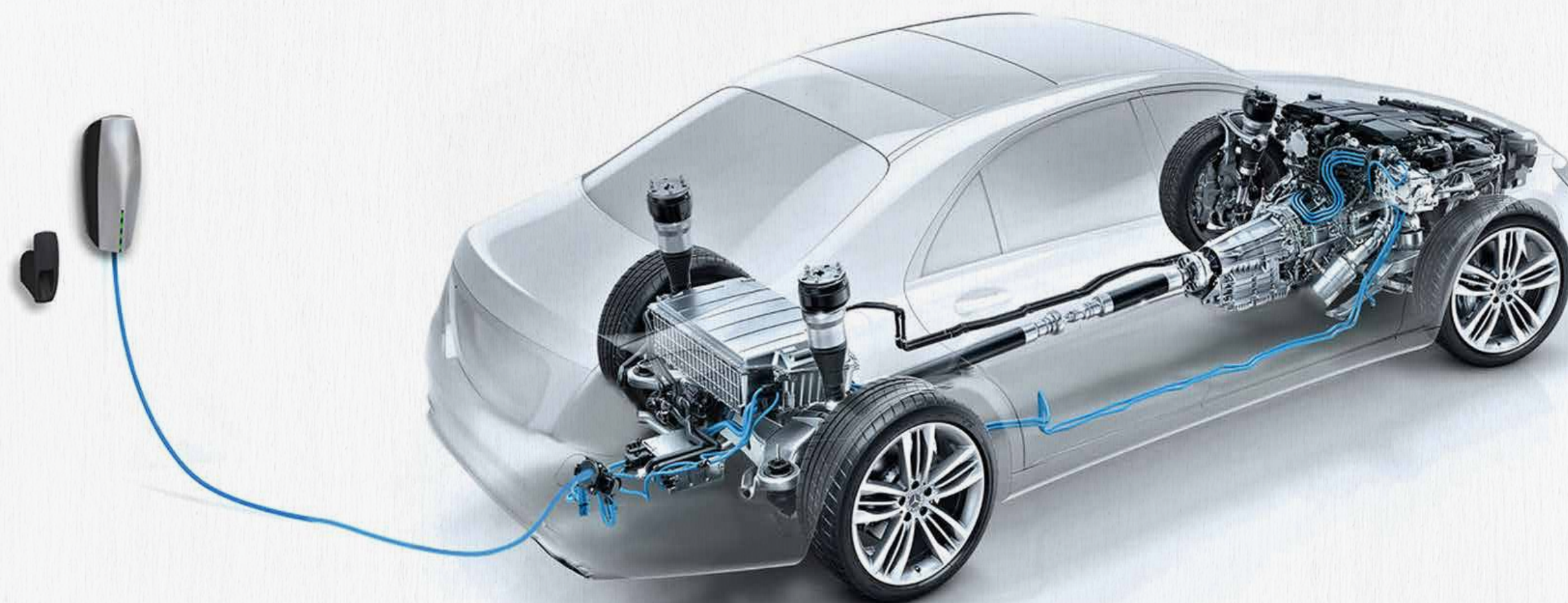
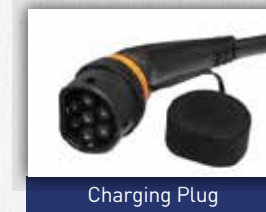
Required colors based on customer expectations

### Solutions for e-vehicles

- Resistant to external surface leakage and chemicals
- Low weight product
- Color stability for outdoor applications
- Reduced VOC
- Resistant to UV and light
- Flame retarded

<b>Tislamid B30 D03 K02 R01</b> PA66, 30% glass fiber reinforced, heat stabilized	<b>Tislamid B 25 D03 K02 F02 R01</b> PA66, 25% glass fiber reinforced, flame retardant- halogen free, heat stabilized	<b>Tisester B UNR F02 R02</b> PA66, unreinforced, heat stabilized
<b>Tislamid B 30 D03 K02 F02 R01</b> PA66, 30% glass fiber reinforced, flame retardant- halogen free, heat stabilized	<b>Tislamid A UNR K02 F02 R02</b> PA6, unreinforced, flame retardant- halogen free, heat stabilized	<b>Tislamid A 30 D03 K02 F02 R01</b> PA6, 30% glass fiber reinforced, flame retardant- halogen free, heat stabilized
<b>Tislamid A 30D03D05 K02 K06 R01</b> PA6, 30% glass fiber & glass beads reinforced, flame retardant- halogen free, hydrolysis & heat stabilized	<b>Tisarbon C UNR K02 F02 R02</b> PC, unreinforced, flame retardant- halogen free, heat stabilized	<b>Tisester F UNR K02 R01</b> PBT, unreinforced, heat stabilized
<b>Tisester F 30 D03 K02 R01</b> PBT, 30% glass fiber reinforced, heat stabilized	<b>Tisester F 25 D03 K02 F02 R02</b> PBT, 25% glass fiber reinforced, flame retardant- halogen free, heat stabilized	<b>Tisblend FP 30D03 K02 F02 R01</b> PBT/ASA, 30% glass fiber reinforced, flame retardant- halogen free, heat stabilized
<b>Hyperpol AP 30D03 K02 F02 R01</b> PPA, 30% glass fiber reinforced, flame retardant- halogen free, heat stabilized	<b>Hyperpol AP 30D03 K02 R02</b> PPA, 30% glass fiber reinforced, heat stabilized	<b>Hyperpol PS 40 D03 R01</b> PPS, 40% glass fiber reinforced
<b>Tisoplen H UNR F02 R01</b> PPH, unreinforced, flame retardant- halogen free	<b>Tisoplen H UNR F02 R02</b> PPH, unreinforced, flame retardant- halogen free	<b>Tisoplen D 30 D03 F02 R01</b> PPC, 30% glass fiber reinforced, flame retardant- halogen free
<b>Tisblend FH UNR K03 F02 R01</b> PBT/PC, unreinforced, flame retardant- halogen free, UV stabilized	<b>Tisblend FH UNR K04 F01 R01</b> PBT/PC, unreinforced, flame retardant- halogen (RosH compatible), impact modified	<b>Tisblend HI UNR K04 F02 R01</b> PC/ABS, unreinforced, flame retardant- halogen free, impact modified
<b>Tisblend HP UNR K03 F02 R01</b> PC/ABS, unreinforced, flame retardant- halogen free, UV stabilized	<b>Tisarbon C 30D03 K02 K03 F02 R01</b> PC, 30% glass fiber reinforced, flame retardant- halogen free, UV & heat stabilized	<b>Tisarbon C UNR K02 K03 F02 R01</b> PC, unreinforced, flame retardant- halogen free, UV & heat stabilized
<b>Tisarbon C UNR K03 F01 R01</b> PC, unreinforced, flame retardant- halogen (RosH compatible), UV stabilized	<b>Tisarbon C 10 D03 K02 F01 R01</b> PC, 10% glass fiber reinforced, flame retardant- halogen (RosH compatible), heat stabilized	<b>Tisarbon C UNR K03 R01</b> PC, unreinforced, UV stabilized
<b>Tislamid B 30 D03 K02 R02</b> PA66, 30% glass fiber reinforced, heat stabilized	<b>Tislamid B 30 D05 K02 R02</b> PA66, 30% glass beads reinforced, heat stabilized	<b>Tislamid B 30 D11 K02 R02</b> PA66, 30% carbon fiber reinforced, heat stabilized
<b>Tislamid B 33 D03 K02 K04 R02</b> PA66, 33% glass fiber reinforced, impact modified, heat stabilized	<b>Tislamid B 50 D03 K02 R02</b> PA66, 50% glass fiber reinforced, heat stabilized	<b>Tislamid B 30 D03D05 K02 R01</b> PA66, 30% glass fiber & glass beads reinforced, heat stabilized
<b>Tislamid B 30 D01D03 K02 R02</b> PA66, 30% mineral filled & glass fiber reinforced, heat stabilized	<b>Tislamid B 40 D01 K02 R02</b> PA66, 40% mineral filled, heat stabilized	<b>Tislamid A 30 D01 K02 R01</b> PA6, 30% mineral filled, heat stabilized







<b>Tislamid A 40 D01 K02 R01</b> PA6, 40% mineral filled, heat stabilized	<b>Tislamid A 30 D03 K02 R01</b> PA6, 30% glass fiber reinforced, heat stabilized	<b>Tisester F 30 D03 R01</b> PBT, 30% glass fiber reinforced
<b>Tisester F 30 D03 K02 F01 R01</b> PBT, 30% glass fiber reinforced, - flame retardant- halogen ( RosH compatible), heat stabilized	<b>Tisester F 50 D03 R02</b> PBT, 50% glass fiber reinforced	<b>Tisblend FP 30 D03 K02 K03 R01</b> PBT/ASA, 30% glass fiber reinforced, UV & heat stabilized
<b>Tisblend FH UNR F01 K04 R01</b> PBT/PC, unreinforced, flame retardant- halogen ( RosH compatible), impact modified	<b>Tislamid B 30 D03 R01</b> PA66, 30% glass fiber reinforced	<b>Tislamid B 30 D03 K02 F02 R01</b> PA66, 30% glass fiber reinforced, flame retardant- halogen free, heat stabilized
<b>Tislamid B 25 D03 K02 F02 R01</b> PA66, 25% glass fiber reinforced, flame retardant- halogen free, heat stabilized	<b>Tislamid A 20 D03 K02 F01 R01</b> PA6, 20% glass fiber reinforced, flame retardant- halogen ( RosH compatible), heat stabilized	<b>Tislamid A 15 D03 K02 K04 R01</b> PA6, 15% glass fiber reinforced, impact modified, heat stabilized
<b>Tislamid A 30 D03 K02 F02 R02</b> PA6, 30% glass fiber reinforced, flame retardant- halogen free, heat stabilized	<b>Tislamid A 25 D03 K02 F02 R02</b> PA6, 25% glass fiber reinforced, flame retardant- halogen free, heat stabilized	<b>Tislamid A UNR F02 R01</b> PA6, unreinforced- flame retardant- halogen free
<b>Tisapet L 33 D03 K02 F02 R01</b> PET, 33% glass fiber reinforced, flame retardant- halogen free, heat stabilized	<b>Tisester F 30 D03 K02 K04 R01</b> PBT, 30% glass fiber reinforced, impact modified,heat stabilized	<b>Tisester F 30 D03 K02 F01 R01</b> PBT, 30% glass fiber reinforced, flame retardant- halogen ( RosH compatible), heat stabilized
<b>Tiester F 30 D03 K02 F02 R02</b> PBT, 30% glass fiber reinforced, flame retardant- halogen free, heat stabilized	<b>Hyperpol AP 30 D03 K02 F02 R01</b> PPA, 30% glass fiber reinforced, flame retardant- halogen free, heat stabilized	<b>Hyperpol AP 40 D03 K02 F02 R02</b> PPA, 40% glass fiber reinforced, flame retardant- halogen free, heat stabilized
<b>Tislamid B 30 D03 K06 R01</b> PA66, 30% glass fiber reinforced, hydrolysis stabilized	<b>Tislamid A 30 D03D05 K02 R01</b> PA6, 30% glass fiber & glass beads reinforced, heat stabilized	<b>Tiester F 30 D03 K04 K06 R01</b> PBT, 40% glass fiber reinforced, impact modified, hydrolysis stabilized
<b>Hyperpol PS 30 D03 R01</b> PPS, 30% glass fiber reinforced	<b>Hyperpol PS 40 D03 R01</b> PPS, 40% glass fiber reinforced	<b>Hperpol PS 30 D01D03 K04 R01</b> PPS, 30% mineral filled & glass fiber reinforced, impact modified
<b>Tislamid B 20 D11 K02 R01</b> PA66, 20% carbon fiber reinforced, heat stabilized	<b>Tislamid B 15 D11 K02 R01</b> PA66, 15% carbon fiber reinforced, heat stabilized	<b>Tislamid B 20 D11 K02 F02 R01</b> PA66, 20% carbon fiber reinforced, flame retardant- halogen free, heat stabilized
<b>Tislamid A UNR K02 K07 R02</b> PA6, unreinforced, electric conductive, heat stabilized	<b>Tislamid A 25 D11 R01</b> PA6, 25% carbon fiber reinforced	<b>Tislamid A 25 D03 K01 R01</b> PA6, 25% glass fiber reinforced, anti-static
<b>Tislamid A 40 D03 K03 R01</b> PA6, 40% glass fiber reinforced, UV stabilized	<b>Tislamid A 40 D03 K02 R01</b> PA6, 40% glass fiber reinforced, heat stabilized	<b>Tisblend FL 30 D03 R01</b> PBT/PET, 30% glass fiber reinforced
<b>Hyperpol AP 30 D03 K02 F02 R02</b> PPA, 30% glass fiber reinforced, flame retardant- halogen free, heat stabilized		

# *Tisan*

www.tisan.com.tr

## Tisan Factory 1

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## Tisan Factory 2

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