

Tisblend®



Tisan

Blend Solutions

Tisblend®

In compounding, different properties of polymers are needed to be combined for some applications in plastics industry. Our engineers are qualified at designing formulations blending different polymers based on their positive properties to meet the customer's requirements. We research, develop, produce and commercialize wide range of blend compounds for different markets under Tisblend®.

Tisblend® compounds offer an excellent combination of strength, durability, chemical resistance, excellent impact resistance, heat resistance and visual performance by selecting material according to the relation between application, cost and performance.

Modification of polymer blends during compounding has proved to be a highly successful development in the properties of polymer blends. It results in valuable material properties like extreme rigidity and stiffness, high dimensional stability and minimal warpage.

Tisblend® grades can be provided fully colored in customized colors with narrow color specifications colorability even in light colors.

Main Specifications

- High impact resistance,
- Dimensional stability,
- Excellent surface quality,
- High heat resistance,
- Processability
- Chemical resistance,
- High gloss,
- UV resistant,
- Low smoke density and toxicity for flame retardant grades

Fillers / Reinforcements / Modifiers

- Glass fibers-glass beads
- Carbon fibers
- Heat stabilizers
- Hydrolysis stabilizers
- Lubricants
- UV stabilizers
- Thermally conductive
- Flame retardant compound with halogen and halogen free
 - UL94 V-2 or V-0 classifications
 - Glow wire flammability index
 - Glow wire ignition behavior (no flame)

Markets

- Automotive
- Electric & Electronics
- Home appliances
- Construction
- Industrial applications
- Defense industry
- Safety equipment
- Transportation
- Office Furniture
- Sports
- Energy
- Others



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.

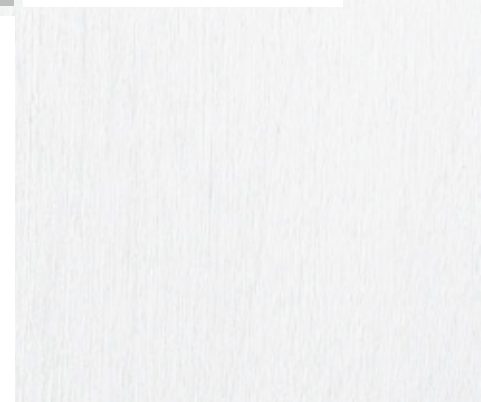
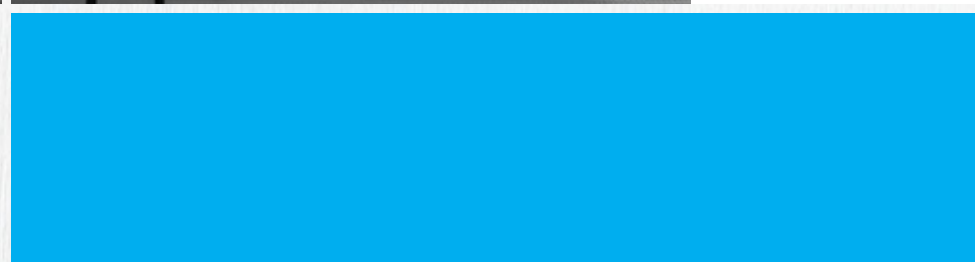
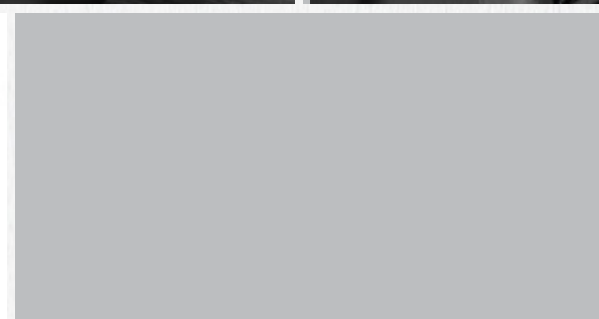
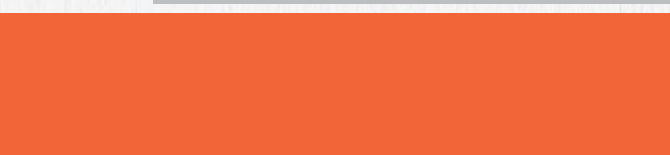
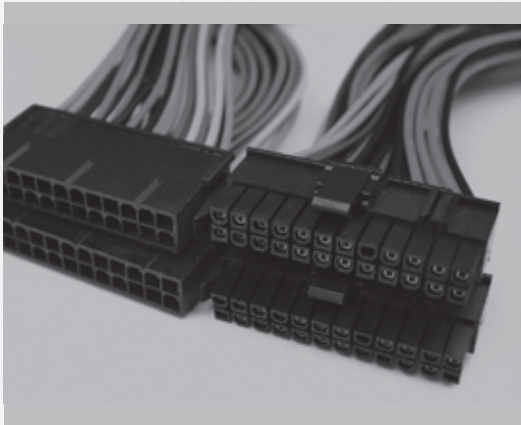
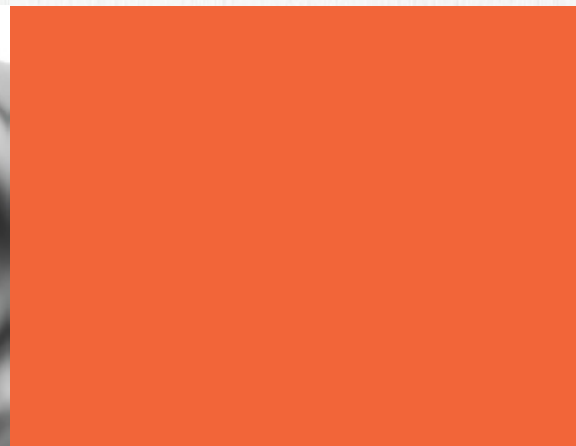
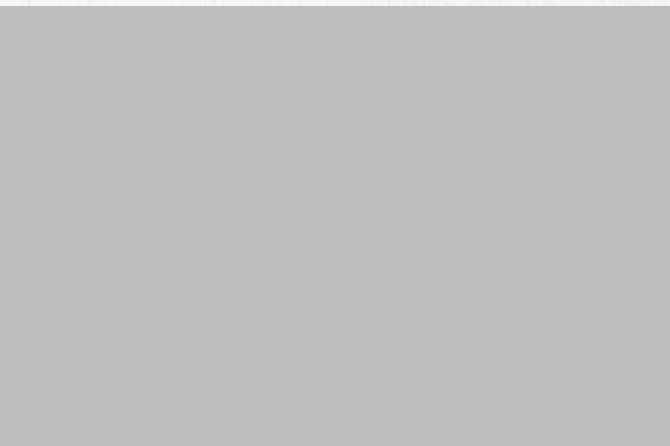
1 Mechanical tests	2 Physical properties	3 Weathering and aging tests
4 Flammability tests	5 Color arrangement and measurements	6 Thermal and flow analysis
7 Heat deflection analysis	8 Electrical and chemical resistance	9 Dimensional tests



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 competitive solutions, qualified products, flexible production, high-speed service with strong technical infrastructure and human quality in both standard and exclusive products for all markets.

BLENDS			
Tisblend AC 10D03 K02 R01 PA/PPH, 10% glass fiber reinforced, heat stabilized	Tisblend AI UNR K03 R01 PA/ABS, unreinforced, UV stabilized	Tisblend BC 25D03 R01 PA/PPH, 25% glass fiber reinforced	Tisblend FL 15D03 F01 R01 PBT/PET, 15% glass fiber reinforced
Tisblend AC 15D03 R01 PA/PPH, 15% glass fiber reinforced	Tisblend AI UNR K04 R01 PA/ABS, unreinforced, impact modified	Tisblend BC UNR K02 R01 PA/PPH, unreinforced, heat stabilized	Tisblend FL 15D03 R01 PBT/ PET, 15% glass fiber reinforced
Tisblend AC 25D03 R01 PA/PPH, 25% glass fiber reinforced	Tisblend AI UNR R01 PA/ABS, unreinforced	Tisblend CE 25D02 R01 PPH/PPBC, 25% mineral filled	Tisblend FL 20D01 R01 PBT/PET, 20% talc filled
Tisblend AC UNR R01 PA/PPH, unreinforced	Tisblend AN UNR R01 PA/PE, unreinforced	Tisblend CN 25D01 R01 PP/PE, 25% talc filled	Tisblend FL 20D03 R01 PBT/PET, 20% glass fiber reinforced
Tisblend AI 8D03 R01 PA/ABS, 8% glass fiber reinforced	Tisblend AT 20D03 R01 PA/ASA, 20% glass fiber reinforced	Tisblend FH 30D03 F01 R01 PBT/PC, 30% glass fiber reinforced, flame retardant-halogen	Tisblend FL 20D03 R01 PBT/PET, 20% glass fiber reinforced
Tisblend AI 10D05 K04 R01 PA/ABS, 10% glass bead reinforced, impact modified	Tisblend AT UNR K03 R01 PA/ASA, unreinforced, UV stabilized	Tisblend FH 30D03 R01 PBT/PC, 30% glass fiber reinforced	Tisblend FL 30D03 F01 R01 PBT/PET, 30% glass fiber reinforced, flame retardant-halogen
Tisblend AI 10D05 R01 PA/ABS, 10% glass bead reinforced	Tisblend AT UNR R01 PA/ASA, unreinforced	Tisblend FH UNR F01 K04 R01 PBT/PC, unreinforced, flame retardant-halogen, impact modified	Tisblend FL 30D03 K03 R01 PBT/PET, 30% glass fiber reinforced, UV stabilized
Tisblend AI 15D03 R01 PA/ABS, 15% glass fiber reinforced	Tisblend BC 10D03 K02 R01 PA/PPH, 10% glass fiber reinforced, heat stabilized	Tisblend FI UNR K04 R01 PBT/ABS, unreinforced, impact modified	Tisblend FL 30D03 R01 PBT/ PET, 30% glass fiber reinforced
Tisblend AI UNR F01 R01 PA/ABS, unreinforced, flame retardant-halogen	Tisblend BC 15D03 R01 PA/PPH, 15% glass fiber reinforced	Tisblend FL 15D03 F01 R01 PBT/PET, 15% glass fiber reinforced, flame retardant-halogen	Tisblend FL 30D03 R01 PBT/PET, 30% glass fiber reinforced



BLENDS			
Tisblend FL 45D03 R01 PBT/PET, 45% glass fiber reinforced	Tisblend HI 15D03 R01 PC/ABS, 15% glass fiber reinforced	Tisblend HI UNR R01 PC/ABS, unreinforced	Tisblend HU UNR R01 PC/SAN, unreinforced
Tisblend FT 10D03 R01 PBT/ASA, 10% glass fiber reinforced	Tisblend HI 20D01 R01 PC/ABS, 20% talc filled	Tisblend HL UNR K04 R01 PC/PET, unreinforced, impact modified	Tisblend IH UNR F01 R01 ABS/PC, unreinforced, flame retardant-halogen
Tisblend FT 30D03 F01 R01 PBT/ASA, 30% glass fiber reinforced, flame retardant-halogen	Tisblend HI 20D03 R01 PC/ABS, 20% glass fiber reinforced	Tisblend HL UNR R01 PC/PET, unreinforced	Tisblend IH UNR R01 ABS/PC, unreinforced
Tisblend FT 30D03 R01 PBT/ASA, 30% glass fiber reinforced	Tisblend HI UNR F01 R01 PC/ABS, unreinforced, flame retardant-halogen	Tisblend HT 12D03 R01 PC/ASA, 12% glass fiber reinforced	Tisblend TU 30D03 R01 ABS/SAN, 30% glass fiber reinforced
Tisblend HF 30D03 F02 R01 PC/PBT, 30% glass fiber reinforced, flame retardant-halogen free	Tisblend HI UNR F02 K03 R01 PC/ABS, unreinforced, flame retardant-halogen free, UV stabilized	Tisblend HT UNR K04 R01 PC/ASA, unreinforced, impact modified	Tisblend VA UNR R01 PPS/PA, unreinforced
Tisblend HF UNR K04 R01 PC/PBT, unreinforced, impact modified	Tisblend HI UNR F02 R01 PC/ABS, unreinforced, flame retardant-halogen free	Tisblend HT UNR R01 PC/ASA, unreinforced	Tisblend VAK UNR R01 PPE/PA/PS, unreinforced
Tisblend HF UNR R01 PC/PBT, unreinforced	Tisblend HI UNR K01 R01 PC/ABS, unreinforced, anti-static	Tisblend HU 20D03 K03 R01 PC/SAN, 20% glass fiber reinforced, UV stabilized	Tisblend VB UNR R01 PPS/PA, unreinforced
Tisblend HI 10D03 R01 PC/ABS, 10% glass fiber reinforced	Tisblend HI UNR K03 K01 R01 PC/ABS, unreinforced, UV stabilized, anti-static	Tisblend HU 20D03 K02 R01 PC/SAN, 20% glass fiber reinforced, heat stabilized	Tisblend VK 30D03 K04 R01 PPE/PS, 30% glass fiber reinforced, impact modified
Tisblend HI 15D03 F02 R01 PC/ABS, 15% glass fiber reinforced, flame retardant-halogen free	Tisblend HI UNR K03 R01 PC/ABS, unreinforced, UV stabilized	Tisblend HU 20D03 R01 PC/SAN, 20% glass fiber reinforced	Tisblend VK 30D03 R01 PPE/PS, 30% glass fiber reinforced

Tisan

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