

ecoSTAR®



Ecologic and Economic Solutions

www.tisan.com.tr



Tisan Engineering Plastics is aware that compounders have responsibility to environmental issues as a plastic raw material producer. Tisan has produced reprocess raw materials and green compounds to show Tisan's sensitivity to environment. EcoSTAR® products are created for environmental sustainability.

Tisan Engineering Plastics produce EcoSTAR® to obtain the highest quality of engineering plastics Polyamide 6, Polyamide 6.6, Polypropylene homopolymer and Polypropylene copolymer with competitive pricing. EcoSTAR® products are customized to offer ecologic and economic solutions for our customer's requirements in different markets. EcoSTAR® recovers the most prevalent and valuable materials often in multiple grades and colors.

Modification of plastics by reprocess with fillers, reinforcements and modifiers produces a substantial change in the properties of the base material and gives to compositions based on EcoSTAR® the following properties;

- Excellent mechanical properties;
- High quality consistency;
- Reduction of cost;
- Increase the environmental conscious;



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.

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










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.

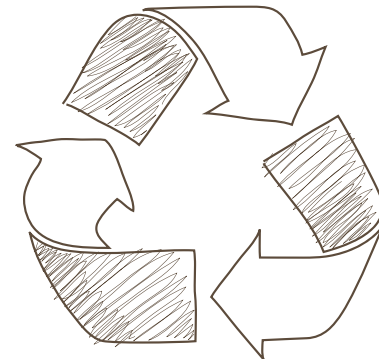
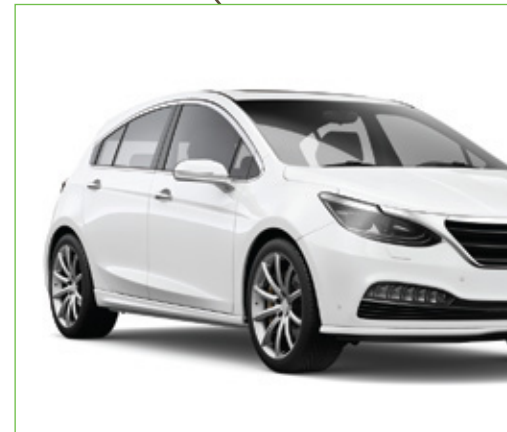
POLYAMIDE 6

ECOSTAR A 15D05 R02 PA6, 15% glass bead reinforced	ECOSTAR A 20D03 F02 R02 PA6, 20% glass fiber reinforced, flame retardant-halogen & red phosphorous free	ECOSTAR A 30D03 F02 R02 PA6, 30% glass fiber reinforced, flame retardant-halogen & red phosphorous free
ECOSTAR A 15D03 R02 PA6, 15% glass fiber reinforced	ECOSTAR A 20D03 F01 R02 PA6, 20% glass fiber reinforced, flame retardant-halogen	ECOSTAR A 30D03 F01 R02 PA6, 30% glass fiber reinforced, flame retardant-halogen
ECOSTAR A 15D03 K03 R02 PA6, 15% glass fiber reinforced, UV stabilized	ECOSTAR A 20D03 R02 PA6, 20% glass fiber reinforced	ECOSTAR A 40D03 K04 K02 K03 R02 PA6, 40% glass fiber reinforced, impact modified, heat and UV stabilized
ECOSTAR A 15D03 K02 R02 PA6, 15% glass fiber reinforced, heat stabilized	ECOSTAR A 20D03 K02 R02 PA6, 20% glass fiber reinforced, heat stabilized	ECOSTAR A 40D03 K04 K02 R02 PA6, 40% glass fiber reinforced, impact modified, heat stabilized
ECOSTAR A 15D03 K04 R02 PA6, 15% glass fiber reinforced, impact modified	ECOSTAR A 30D03D05 K02 R02 PA6, 30% glass fiber and glass beads reinforced, heat stabilized	ECOSTAR A UNR R02 PA6, unreinforced
ECOSTAR A 15D03 K04 K02 K03 R02 PA6, 15% glass fiber reinforced, impact modified, heat and UV stabilized	ECOSTAR A 30D03 K04 K02 K03 R02 PA6, 30% glass fiber reinforced, impact modified, heat and UV stabilized	ECOSTAR A UNR K02 R02 PA6, unreinforced, heat stabilized
ECOSTAR A 15D03 K04 K02 R02 PA6, 15% glass fiber reinforced, impact modified, heat stabilized	ECOSTAR A 30D03 K04 K02 R02 PA6, 30% glass fiber reinforced, impact modified, heat stabilized	ECOSTAR A UNR K04 R02 PA6, unreinforced, impact modified

POLYAMIDE 6.6

ECOSTAR B UNR R02 PA6.6, unreinforced	ECOSTAR B 30D05 R02 PA6.6, 30% glass bead reinforced	ECOSTAR B 30D03 F02 R02 PA6.6, 30% glass fiber reinforced, flame retardant-halogen & red phosphorous free
ECOSTAR B 15D03 R02 PA6.6, 15% glass fiber reinforced	ECOSTAR B 30D03 K02 K03 R02 PA6.6, 30% glass fiber reinforced, heat and UV stabilized	ECOSTAR B 35D03 K02 R02 PA6.6, 35% glass fiber reinforced, heat stabilized
ECOSTAR B 20D03 R02 PA6.6, 20% glass fiber reinforced	ECOSTAR B 30D03 K02 R02 PA6.6, 30% glass fiber reinforced, heat stabilized	ECOSTAR B 35D03 R02 PA6.6, 35% glass fiber reinforced
ECOSTAR B 25D03 K02 R02 PA6.6, 25% glass fiber reinforced, heat stabilized	ECOSTAR B 30D03 K04 R02 PA6.6, 30% glass fiber reinforced, impact modified	ECOSTAR B 40D03 R02 PA6.6, 40% glass fiber reinforced
ECOSTAR B 25D03 K04 R02 PA6.6, 25% glass fiber reinforced, impact modified	ECOSTAR B 30D03 R02 PA6.6, 30% glass fiber reinforced	ECOSTAR B UNR K02 R02 PA6.6, unreinforced, heat stabilized
ECOSTAR B 25D03 R02 PA6.6, 25% glass fiber reinforced	ECOSTAR B 30D03 K03 R02 PA6.6, 30% glass fiber reinforced, UV stabilized	ECOSTAR B UNR K04 K02 R02 PA6.6, unreinforced, impact modified, heat stabilized
ECOSTAR B 25D03 F02 R02 PA6.6, 25% glass fiber reinforced, flame retardant-halogen free	ECOSTAR B 30D03 K04 K02 R02 PA6.6, 30% glass fiber reinforced, impact modified, heat stabilized	ECOSTAR B UNR K04 R02 PA6.6, unreinforced, impact modified

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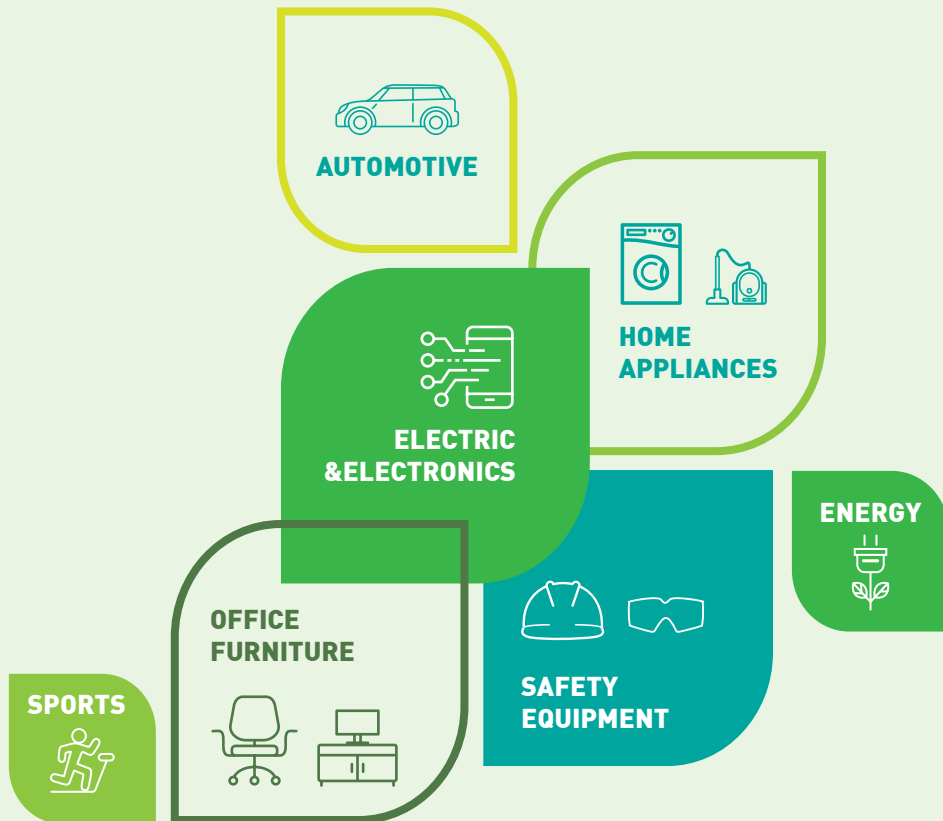


POLYPROPYLENE HOMOPOLYMER

ECOSTAR C 10D01 R02 PPH, 10% talc filled	ECOSTAR C 30D03 R02 PPH, 30% glass fiber reinforced	ECOSTAR C UNR K04 R02 PPH, unreinforced, impact modified
ECOSTAR C 20D03 R02 PPH, 20% glass fiber reinforced	ECOSTAR C UNR K02 R02 PPH, unreinforced, heat stabilized	ECOSTAR C 40D03 R02 PPH, 40% glass fiber reinforced
ECOSTAR C 20D01 R02 PPH, 20% talc filled	ECOSTAR C UNR K04 K02 R02 PPH, unreinforced, impact modified, heat stabilized	

POLYPROPYLENE COPOLYMER

ECOSTAR D 10D01 R02 PPC, 10% talc filled	ECOSTAR D 30D03 R02 PPC, 30% glass fiber reinforced	ECOSTAR D UNR K04 R02 PPC, unreinforced, impact modified
ECOSTAR D 20D03 R02 PPC, 20% glass fiber reinforced	ECOSTAR D UNR K02 R02 PPC, unreinforced, heat stabilized	ECOSTAR D 40D03 R02 PPC, 40% glass fiber reinforced
ECOSTAR D 20D01 R02 PPC, 20% talc filled	ECOSTAR D UNR K04 K02 R02 PPC, unreinforced, impact modified, heat stabilized	



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