



Engineering Thermoplastics

Ravago Manufacturing: Solutions for almost every need!

Ravago Manufacturing is a global producer of high-quality plastic compounds including polyolefins, thermoplastic elastomers, rubbers and engineering plastics. We offer both virgin and recycled grades in many polymer types and have extensive knowledge and expertise in the plastics industry. We work together with our customers to deliver solutions for their most demanding application needs.



High performance engineering plastics compounds

Ravago Manufacturing provides high quality engineering plastics compounds for applications where durability and high performance are required. Our broad portfolio offers products with a range of properties to choose from such as heat resistance, chemical resistance, impact resistance, fire retardancy, mechanical strength and more.

We have compounds containing both virgin and recycled content available, incorporating a range of fillers and additives to suit your needs:

Sicoklar® ECO PC Recycled 	Ravapura® ABS Recycled 	Mablex® ECO PC/ABS Recycled 
Sicoklar® PC Virgin	Sicoflex® ECO ABS Recycled 	Mablex® PC/ABS Virgin
Tristar® PC Virgin	Sicoflex® ABS Virgin	Mablex® SA PC/ASA Virgin
Ravamid® PA Recycled 	Polyfast® ASA Virgin	Mablex® PX PC/PBT Virgin
Hylon® PA Virgin	Enester® PBT Virgin	Sicoblend® PA/ABS Virgin
	Ravago PPS Virgin	

PC Compounds

Our polycarbonate compounds are available in both virgin and recycled grades containing a variety of fillers and additives to meet your performance requirements. Typical applications include electronics, structural parts and exterior automotive parts.

Our PC compounds provide:

- High impact resistance
- Heat resistance
- Excellent dimensional stability
- Flame retardant options



Sicoklar® ECO PC



- Unfilled to GF 20%
- ISO 14021 compliant

Sicoklar® PC

- Unfilled to GF 30%
- Flame retardant
- Custom colours

Tristar® PC

- Unfilled to GF 10%
- Custom colours
- FR UL listed

PA 6 & PA 66 Compounds

Our polyamide compounds offer the best combinations of both virgin and post-industrial recycled feedstocks with advanced additive and reinforcement technologies. Typical applications include automotive parts and consumer goods.

Our PA compounds provide:

- Excellent surface finish*
- UV resistance
- Flame retardant options*
- Optimized mechanical properties
- Easy flow
- Colour matched on request*
- OEM approved grades

Ravamid® PA



- Unfilled to GF 50%
- Impact modified
- ISO 14021 compliant

Hylon® PA

- Unfilled to GF 60%
- Flame retardant
- Custom colours






*virgin grades only

ABS Compounds

Sicoflex® and Ravapura® compounds are available with a range of different properties to meet application requirements where both aesthetics and performance are needed. Typical applications include appliances and automotive parts.

Our ABS compounds provide:

- High impact resistance
- Good processability
- Heat resistance
- Excellent dimensional stability
- Flame retardant options

Ravapura® ABS 	Sicoflex® ECO ABS 	Sicoflex® ABS
Unfilled to GF 20%	Unfilled to GF 15%	Unfilled to GF 30%
50 - 70% PCR content	ISO 14021 compliant	Heat resistant
QA-CER Certified 		FR UL listed

ASA Compounds

Polyfast® acrylonitrile styrene acrylate (ASA) compounds combine high surface quality and good impact strength. They offer great performance in exterior or outdoor applications such as automotive parts.

Our ASA compounds provide:

- High surface quality
- Good impact strength
- Good chemical resistance
- Excellent weatherability
- Heat resistance
- High flow

Polyfast® ASA
Unfilled
Glass Filled
Custom colours



PBT Compounds

Enester® grades offer excellent dimensional stability under heat, making it a good choice for applications requiring strength and low water absorption. A variety of fillers and additives can be used to reach the desired properties. Typical applications include household appliances, automotive parts and building applications.

Our PBT compounds provide:

- Excellent dimensional stability
- Low water absorption
- Rigidity & strength
- Good chemical resistance
- UV resistance
- Flame retardant options
- Pre-coloured & laser-marking

Enester® PBT
Unfilled to GF 50%
Flame retardant
Custom colours



PPS Compounds

Ravago PPS® polyphenylene sulfide compounds provide high thermal stability due to its high-temperature semi-crystalline structure. With the advantage of very low water absorption and high resistance to chemicals and dimensional stability, Ravago PPS® is an excellent choice for applications at high service temperatures, especially for metal replacements.

Our PPS compounds provide:

- Service temperatures up to 240°C
- Excellent creep resistance
- Very low water absorption
- Very good resistance to chemicals
- High flame retardancy (V0 and 5VA)
- Excellent dimensional stability

Ravago PPS	
GF content	
Natural, black	
Heat resistant	



Alloy Compounds

We offer a range of thermoplastic alloys for applications where combined performance characteristics are needed. Typical applications include interior automotive parts, electronics and industrial applications.

Our alloy compounds provide:

- High impact strength
- Heat resistance
- Very good resistance to chemicals
- Balance of mechanical and thermal properties


Mablex® ECO PC/ABS 	
Unfilled	
10-30% GF content	
ISO 14021 compliant	

Mablex® PC/ABS	
Range of PC content	
10-30% GF content	
FR UL listed	

Mablex® SA PC/ASA	
Heat resistant	
Custom colours	
Batch size	

Mablex® PX PC/PBT	
Unfilled	
Chemical resistant	
Custom colours	

Sicoblend® PA/ABS	
Unfilled to GF 20%	
High impact	
Custom colours	

	Type		Composition & Performance											
	Virgin	Recycled 	Unfilled	Glass Filled	Mineral Filled	Flame Retardant*	UL Listed	UV Stabilised	Heat Stabilised	Anti-static	Custom Colour	Impact Modified	ISO 14021:2016	QA-CER Certified
PC Compounds														
Sicoklar ECO PC		●	●	●		●							●	
Sicoklar PC	●		●	●		●		●			●			
Tristar PC	●		●	●		●	●	●			●			
PA Compounds														
Ravamid A PA66		●	●	●	●			●	●			●	●	
Ravamid B PA6		●	●	●	●			●	●			●	●	
Hylon PA66 & PA6	●		●	●	●	●		●	●		●	●		
ABS Compounds														
Ravapura ABS		●	●	●							●		●	●
Sicoflex ECO ABS		●	●	●				●					●	
Sicoflex ABS	●		●	●		●	●	●		●	●			
ASA Compounds														
Polyfast ASA	●		●	●				●			●			
PBT Compounds														
Enester PBT	●		●	●		●		●			●			
PPS Compounds														
Ravago PPS	●			●	●			●	●					
Alloy Compounds														
Mablex ECO PC/ABS		●	●	●							●		●	
Mablex PC/ABS	●		●	●		●	●	●			●			
Mablex SA PC/ASA	●		●					●		●	●			
Mablex PX PC/PBT	●		●	●				●			●			
Sicoblend PA/ABS	●		●	●				●			●			

*UL listing possible for specific grades

Why choose Ravago?

- Experts in recycling and compounding
- Best in class manufacturing process and quality
- Extensive production capacity for supply of large volumes
- Global presence making local sourcing available where you are
- Full-service portfolio of both virgin and recycled solutions
- Broad industry knowledge and extensive reach
- Large portfolio of colours and new colour development support
- Custom-made compounds and blends
- New investments into more sustainable manufacturing operations





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