

ICT Thermoplastic Compounds

**We provides you the most
advanced compounds for
specialty products.**



ABOUT US...



ICT has specialized in the manufacture of plastic Elastomers for over twenty-five years; with the highest quality, made with 100% virgin raw materials.

Our line of TecPrene compound has been successfully used in the shoe industry, technical articles, as well as sporting goods in North America and Europe.

ICT's experience has allowed us to provide our clients with the most advanced compounds in existence.

In this company, it is our goal to offer quality, service and attention to our customers.



QUALITY POLICY

In ICT we manufacture high quality thermoplastic rubber, to achieve customer satisfaction by meeting their requirements, achieving continuous improvement of our operations and the system of quality management.



PRODUCTS

Our line of products are ideal for several types of industries and have various applications. We develop and manufacture compounds and special mixtures to fulfill specific customer needs.

We offer all grades of thermoplastic compounds to meet client production requirements; from our TecPrene line of compact and crystal thermoplastic rubber, to our low density line.

TecPrene products are formulated using only the highest quality materials for use in injection and extrusion machinery.



Products ...TR

SBS Styrene Butadiene Styrene block co-polymers:
This compound is mainly used in the production of soles for shoes.

It can be molded as needed merely by increasing temperature to decrease hardness and then injected or extruded to their final form, which is retained simply by cooling down to room temperature.

They are rubber-like materials with great elasticity, bounce, and feel. And a great option to replace rubber with the advantage of being fully recyclable.



TECPRENE® C50 RM XB AMBER CM 5748



Physical Properties	Value	Unit	Test Standard
Density	0.98	Gr/cm ³	ASTM-D 792

Mechanical Properties	Result	Unit	Test Standard
Hardness	50	Shore A	ASTM-D 2240
Melt Flow rate	100	Gr/10min	ASTM-D 1238 CONDITION P
Molding Temperature suggested	140-160	°C	Internal Method
Abrasion	190	Mm3	

TECPRENE® C55 CBW BLACK



Physical Properties	Value	Unit	Test Standard
Density	1.01	Gr/cm ³	ASTM-D 792

Mechanical Properties	Result	Unit	Test Standard
Hardness	55	Shore A	ASTM-D 2240
Melt Flow rate	100	Gr/10min	ASTM-D 1238 CONDITION P
Molding Temperature suggested	140-160	°C	Internal Method
Abrasion	250	Mm3	

Products ...

HYDROGENATED SEBS



- Santecprene consists of a TPR based compound with function and physical properties similar to traditional thermoset rubber.
- Overmolding
- Good resilience and dynamic stability under loads
- Good resistance to wear.
- Santecprene materials are a great option for sports items, automotive injection parts, sanitation couplings, grip handles, wheels, gaskets, and much more.

HIPRENE® SEBS AD0723 50A



Physical Properties	Value	Unit	Test Standard
Density	0.90	Gr/cm ³	ASTM-D 792

Mechanical Properties	Result	Unit	Test Standard
Hardness	50	Shore A	ASTM-D 2240
Fluency	180	Gr/10min	ASTM-D 1238 CONDITION P
Temperature	160-190	°C	Internal Method



APPLICATIONS

➤ **Automotive:**

- **Control elements**
- **Airbags**
- **Anti-slip mats**
- **Window trims**
- **Cowl panels**
- **Spoilers**
- **Seals**
- **Duct components**
- **Comercial / Consumer:**
- **Toothbrushes**
- **Packaging for cosmetics and food**
- **Toys**
- **Diving goggles**
- **Desing applications**
- **Soles.**

➤ **Industrial:**

- **Seals**
- **Tool handles**
- **Shower head inserts**
- **Cable sheathing**
- **Window profiles**
- **Medical Technology:**
- **Oxygen masks**
- **Medical packging**
- **Drip chambers**



FACILITIES

We have two labs, where we analyze our raw materials and our finished goods. And verifies our process control.

Develop and production of thermoplastic compounds (TPR).

Develop and production of Elastomers thermoplastics (SEBS).



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THANK YOU

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