

**HDPE**  
**recycling *and***  
**compound**







*Specialists in plastic materials*





## PRODUCTS

SIRENE	PIR/ PCR	M.F.I. Metod ISO 1193 Unit g/10 min		DENSITY Method ISO 1183 Unit g/cm3	COLOR	APPLICATION
		5kg/190°	2,16kg/190°			
HD E 150 PLUS IND.	PIR	0,40 - 0,60	-	0,945 - 0,960	black	extrusion
HD E 100 PLUS IND.	PIR	0,60 - 1,00	-	0,945 - 0,960	black	extrusion
HD E 80 PLUS IND.	PIR	1,00 - 2,00	0,30 - 0,50	0,945 - 0,960	black	extrusion/ blow m.
HD E 150	PCR	0,40 - 0,70	-	0,945 - 0,960	black	extrusion
HD E 100	PCR	0,70 - 1,00	-	0,945 - 0,960	black, blue	extrusion/ blow m.
HD E 80	PCR	1,00 - 2,00	-	0,945 - 0,960	all color	extrusion/ blow m.
HD E 80/10	PCR	1,00 - 2,00	0,30 - 0,50	1,000 - 1,050	all color	extrusion
HD E 60	PCR	2,00 - 3,00	0,40 - 0,70	0,945 - 0,960	all color	extrusion
HD E 60/10	PCR	2,00 - 3,00	0,40 - 0,70	1,000 - 1,050	all color	extrusion
LDPE E	PCR	-	0,30 - 0,50	0,920 - 0,940	black	extrusion
HD S1	PCR	-	0,50 - 1,50	0,945 - 0,960	green, grey, black	injection
HD S2	PCR	-	1,50 - 2,50	0,945 - 0,960	green, grey, black	injection
HD S4	PCR	-	2,50 - 4,00	0,945 - 0,960	green, grey, black	injection
HD S5	PCR	-	4,00 - 5,00	0,945 - 0,960	green, grey, black	injection
LDPE S	PCR	-	0,50 - 1,00	0,920 - 0,940	black	injection

PCR = Post Consumer Recycled

PIR = Post Industrial Recycled

Product code + S = additives upon request: uv stabilizer - carbon black - antioxidant - other

## COMPANY

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S.I.R.E. SPA boasts a long experience in the plastics industry. Located in the province of PAVIA, it has developed its production in the territory thanks to two factories in Arena Po and Bressana Bottarone.

The corporate philosophy, based on a pragmatic approach in production and the research of customised technical solutions, has made the company one of the protagonists in the field of polyolefin resins.

Products are available also colored. **Total capacity 50.000 mt.**

## QUALITY

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The quality of our production is assured by our skilled technicians who constantly monitor every single manufacturing process. The processing phases for the production of granules can guarantee lots of 10 tons minimum.

Incoming materials are constantly checked and pre-mixed prior to the extrusion phase. The product is made homogeneous thanks to granule mixing silos.

The materials are then checked in a lab before being delivered to the customer.

On request we can provide: safety and technical sheets, certificates of analysis.

## PROUD MEMBER OF

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The company is also member of the most influential networks of plastics recyclers in Italy and Europe.



## CERTIFICATIONS

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ISO 9001, ISO 14000, Eucertplast and Plastica Seconda Vita



## “CIRCULAR” PRODUCTS PWP

### From packaging waste to new products

Offers a positive business impact and follows the circular economy model.

SIRENE HD E 80 PWP

**M.F.I. 2,6kg/190° g/10'** : 0,3 - 0,5  
**Density** : 0,945-0,960 g/cm3

SIRENE HD E 150 PWP

**M.F.I. 5kg/190° g/10'** : 0,45 - 0,70  
**Density** : 0,945-0,960 g/cm3

SIRENE HD E S4 PWP

**M.F.I. 2,6kg/190° g/10'** : 2,5 - 4,0  
**Density** : 0,945-0,960 g/cm3

**Characteristics:** easy workability, excellent rigidity, good homogeneity, good filtration

#### Applications

Bottles  
Containers  
Canisters  
Watering cans

#### Applications

Drums  
Canisters

#### Applications

Bins  
Crates  
Gardening  
Boxes  
Pallets

## CIRCULAR ECONOMY

The new circular economy is a crucial driving force of competitiveness.

S.I.RE. works by enhancing the value of plastic materials deriving from recovery/recycling operations that can be used in their entirety for the production of plastic products, in place of raw materials.

## QUALITY AND RESPECT FOR THE ENVIRONMENT

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S.I.RE. believes in a **smart, innovative** and **sustainable** plastics industry, in which design and production fully respect the need to **reuse, repair, and recycle**.

An industry that generates **growth and employment** and contributes to the reduction of harmful emissions and dependence on fossil fuels.

S.I.RE. adopts the most advanced solutions to guarantee constant improvement in terms of environmental sustainability while preserving the quality of its products.

### GOALS

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S.I.RE.'s principal production goals are:

• saving energy • saving water • more efficient use of raw materials • reduction of waste production • better management of waste products.





## REGISTERED OFFICE

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## PLANTS

Stabilimento Arena  
S.S. 10 KM 164,700  
27040 Arena Po (PV)

Stabilimento B1  
Via 1° Maggio 35  
27042 Bressana Bottarone (PV)

Stabilimento B2  
Via 1° Maggio 31  
27042 Bressana Bottarone (PV)

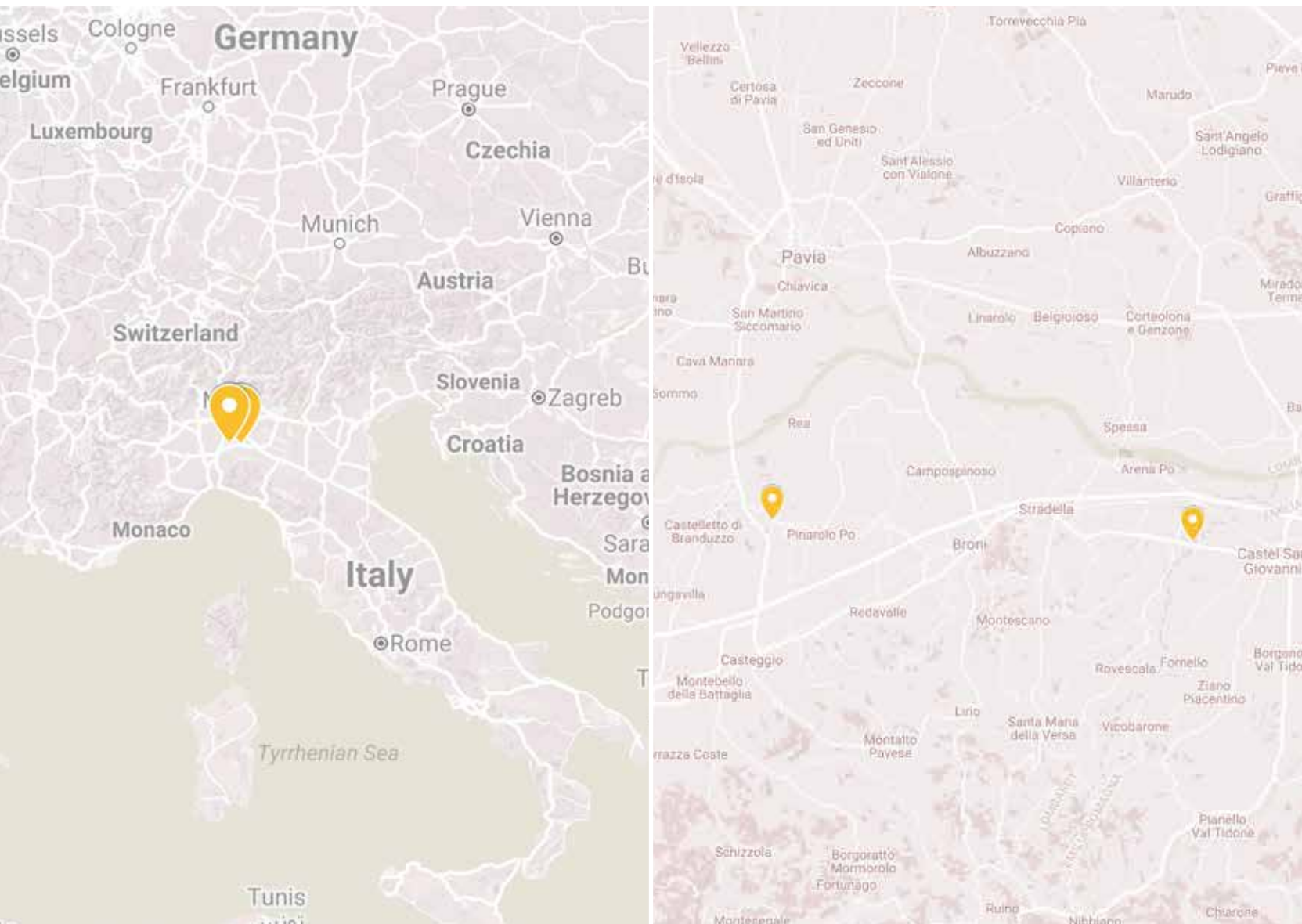
Tel. 0383.886537  
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## ADMINISTRATION

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## SALES

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**S.I.RE. S.p.A.**

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