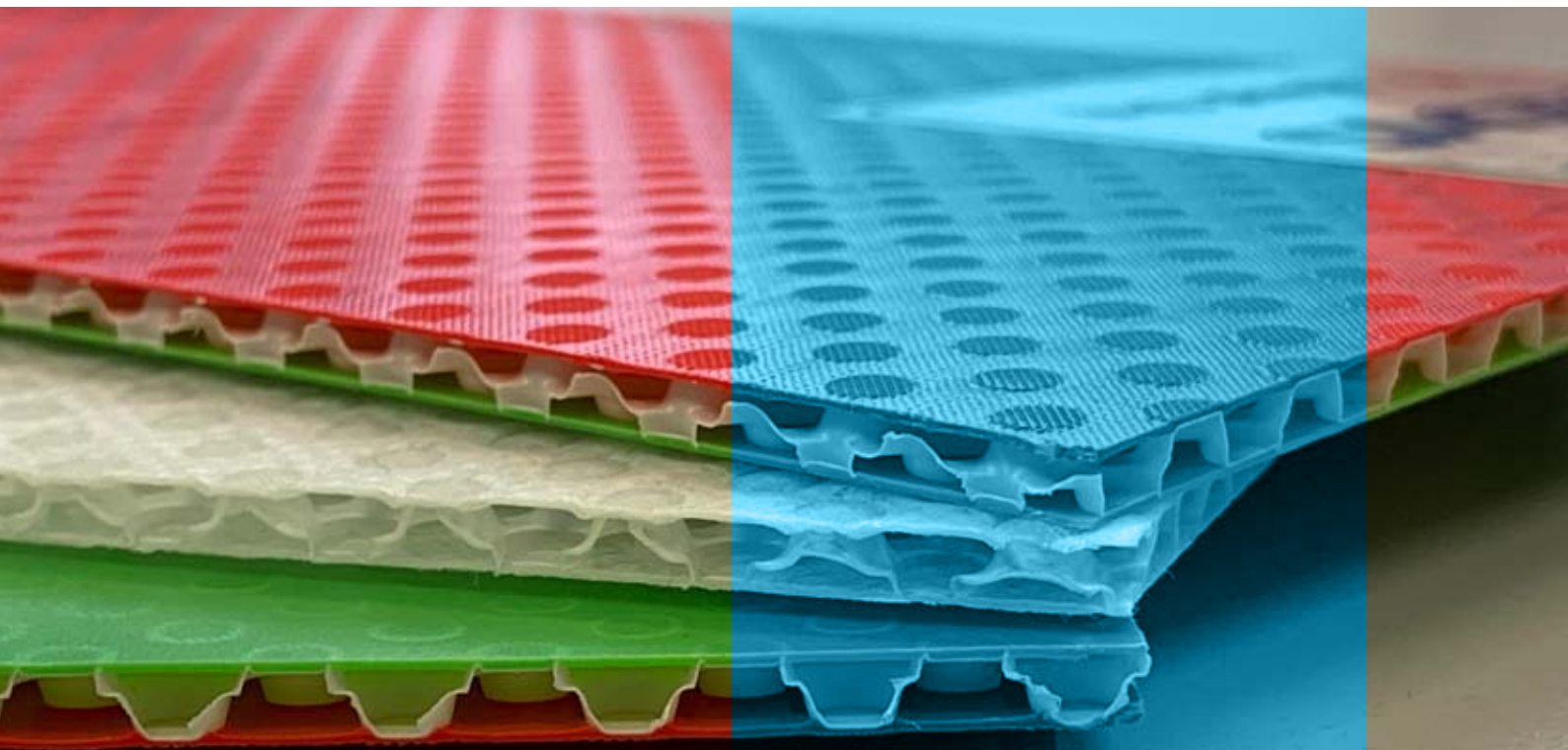


# NEW TECHNOLOGY



**SAGEC<sup>®</sup>**

# “WHAT’S SAGEC® ?”

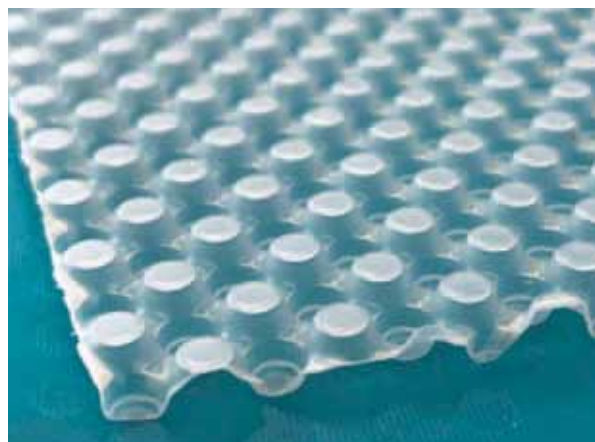
**SAGEC®** is an innovative Extrusion System suitable to produce multilayer boards in thermoplastic materials having the inner core layer made of a three-dimensional construction\*\*. The innovative solution consists in producing the boards in one shot with a new concept of BG Plast calendaring system!

*\*\*Available upon request different geometries for the inner core.*

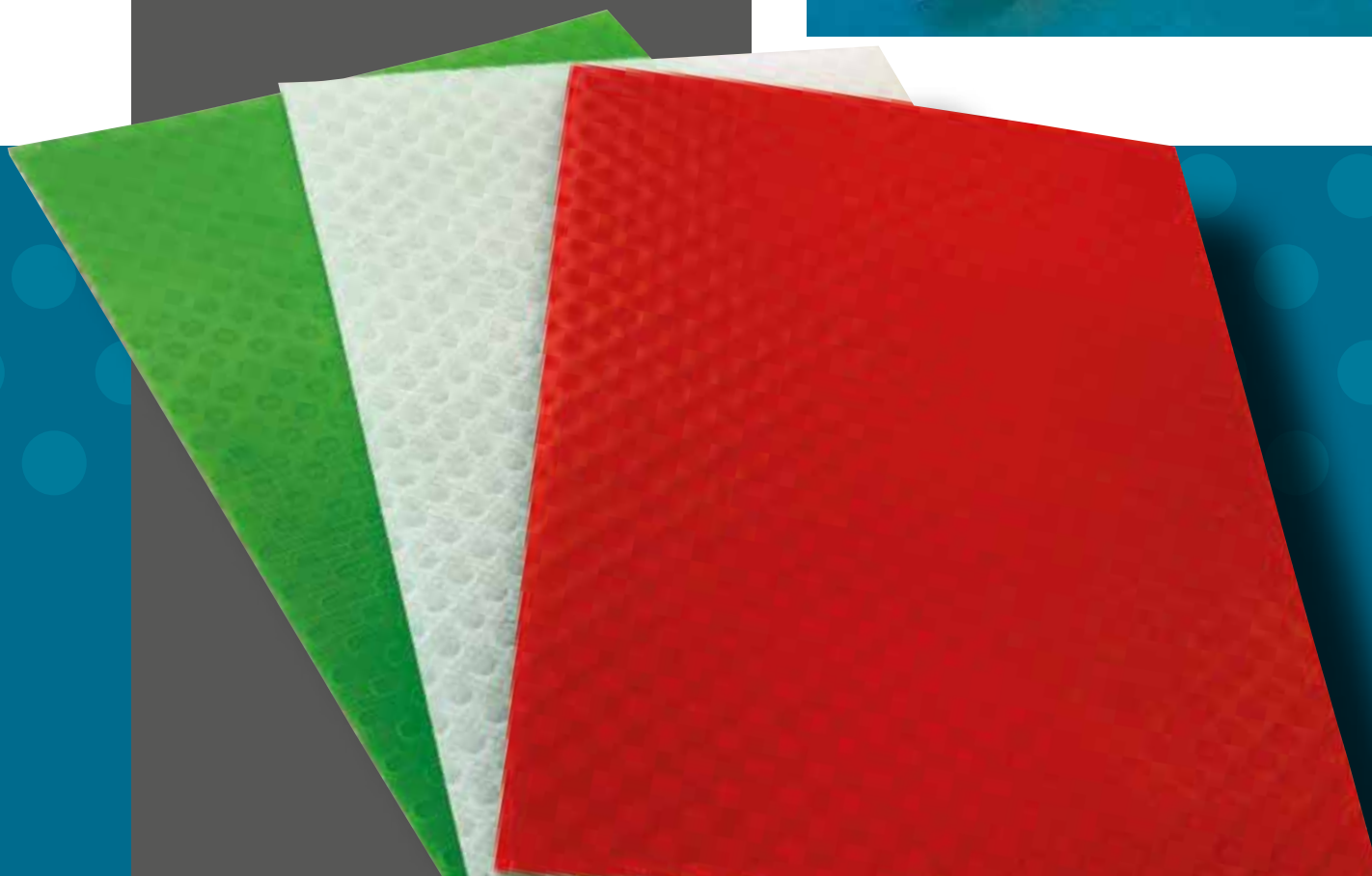
The sheets produced with **SAGEC®** system will have the following characteristics:

- Light weight
- High strength in both directions MD and CD
- High flexural resistance
- High compression strength
- 100% recyclable
- Food approved
- Washable
- Water and Moisture resistant
- Insulating
- Shockproof
- Printable
- Easy to be laminated with pre-printed film, non-wovens or carpets

Thickness range	from 4 to 10 mm
Net width	1300 mm and 2000 mm
Production range	from 300 to 600 kg/h



**Inner core layer.**  
Available upon request different geometries for the inner core.





TEST	STANDARD	VALUE
Tensile Strength	UNI EN ISO 527-3	119 Mpa
Compressive Strength	DIN10K19_313	3227 N
Bidirectional impact resistance	UNI EN ISO 6603-2	3,72 J
Resistance to delamination	DIN10K19_312	15,3 N

*Values obtained on Sagec samples 4 mm thickness 800gr sqm, 150x25 mm and 60x60 mm at 23°C*



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