

SRPET Comfil® 50203

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Description

SRPET sheets are made from weaving continuous fibers commingled with continuous matrix filaments, which are stacked and consolidated. The material is 100% thermoplastic PET without glue or additives

SRPET sheets are fully consolidated sheets, ready to thermoform.

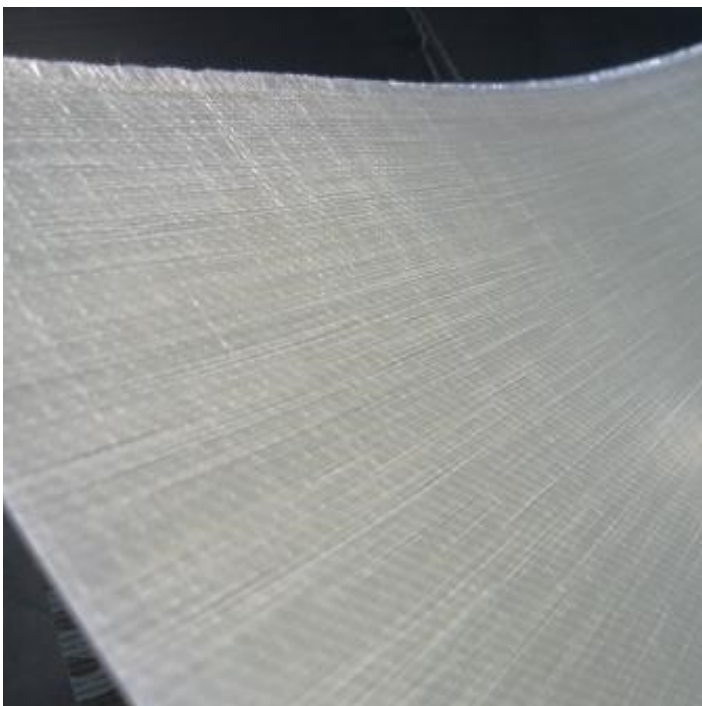
Application

SRPET sheets can be made from recycled PET and is typically used for the following composite processes: vacuum consolidation, continuous heat pressing and panel lamination. The sheets are especially good for 100% PET sandwich with PET foam as core, imparting high composite properties in all aspects.

SRPET sheets are 100% recyclable in all categories: chemical and mechanical.

Packaging and storage

SRPET sheets are typically delivered on pallets and should be kept in dry condition. Storage area should be shielded from direct sunlight and kept at ambient temperature below 40° C



Specifications

Reinforcement fiber	High Tenacity PET
Matrix material	Low melting PET (LPET)
Grammage	1500 g/m ²
Weight reinforcement, %	50
Volume reinforcement, %	50

Typical Properties

Tensile strength, MPa	170
Tensile Modulus, GPa	4
Tensile Strain, %	25
Density, g/cm ³	1,36

Packaging

Typical length, mm	1000
Typical width, mm	600
Typical thickness, mm	1,1