

COMFIL SRPET 30112-4 WP1-LPET-710

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Description

SRPET fabrics are made from weaving continuous fibers commingled with continuous matrix filaments. The material is 100% thermoplastic PET without glue or additives.

SRPET fabric can easily be consolidated into composites by heating the material above the matrix filaments melting point and applying pressure

Application

SRPET fabric can be made from 50% recycled PET and is typically used for the following composite processes: vacuum consolidation, continuous heat pressing and panel lamination.

SRPET fabric is 100% recyclable in all categories: chemical and mechanical.

Packaging and storage

SRPET fabric is typically delivered as dried rolls and should be used directly from packaging. The fabric will quickly take up moisture from ambient air, so should be dried at 40° C for prolonged time if exposed. Other dimensions available upon request.

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
Grammage	710 g/m ²
Weight reinforcement, %	50
Volume reinforcement, %	50

Typical Properties

Fabric pattern	Twill 2/2
Structure, threads / cm (warp/weft)	8/8
Consolidation Range, C°	180-220
Density, g/cm ³	1,36
Thickness of consolidated layer, mm	0,55

Packaging

Width of weave, mm	1300
Length of roll, m	50
Tube, Ø mm interior	80