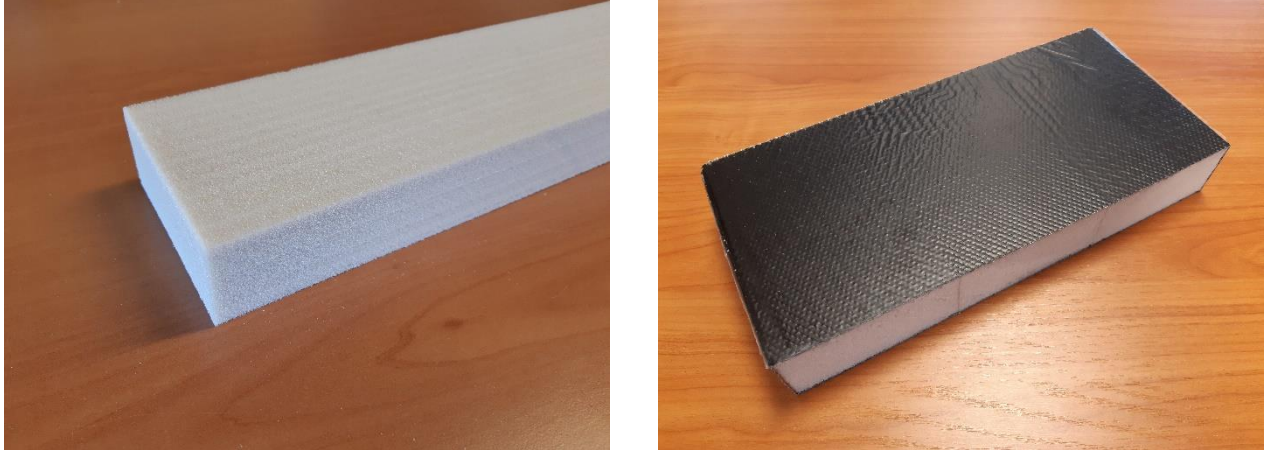


Description of product	Extruded PET foam board for composite applications made from 100% recycled PET.	
Photo of product		
		
<p style="text-align: center;"> Direct extruded foam board Example of a prefabricated foam board </p>		
Origin of recycled content	<ul style="list-style-type: none"> • Germany • Tray and bottle - from yellow bin collection 	
% recycled content	100% recycled PET Up to 20% Tray	
Additives and recipe	97.5% rPET 2.5% nucleation agent masterbatch 0.4% chain extender 1 (based on the total throughput) 0.1% chain extender 2 (based on the total throughput) 2.4% blowing agent (based on the total throughput)	
Physical properties	Density	96 kg/m ³
	Compression Strength (x-direction)	1.3 MPa
	Compression Modulus (x-direction)	52 MPa
	Shear Strength (y-direction)	0.7 MPa
	Shear Modulus (y-direction)	15 MPa
	Tensile Strength	2 N/mm ²
	Tensile Modulus	68 N/mm ²
Does the product meet user specification?	The product meets the minimum general requirements. For shear modulus and tensile modulus the minimum general requirements cannot be met. However, the mechanical properties are sufficient for a large part of end users. Some high-end applications would require further optimisation.	