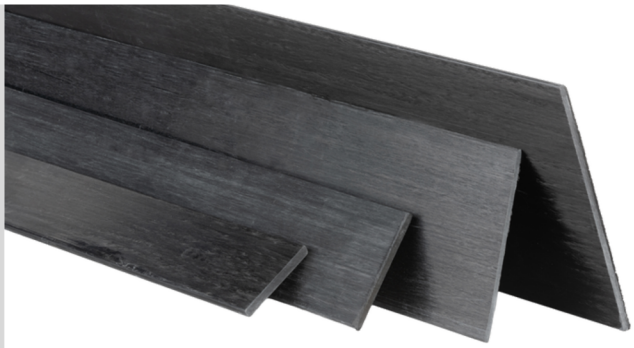
FIBER PROFIL
structural pultrusion

TECHNICAL DATA SHEET

PULTRUDED PROFILES
CFRP



MECHANICAL PROPERTIES

PROPERTY	STANDARD	UNIT	VALUE
Fiber content by weight	ISO 1172	%	60% ±5
Density	ISO 1183	kg/m3	1,6
Tensile modulus-Long	EN ISO 527-4	GPa	158
Compressive modulus-Long	ASTM D695	GPa	144
Compressive modulus-Trans	ASTM D3410	MPa	1100
Bending modulus-Long	EN ISO 14125	GPa	132
Interlaminar Shear Strength-Long	EN ISO 14130	MPa	70

THERMAL PROPERTIES

PROPERTY	STANDARD	UNIT	VALUE
Thermal conductivity-Long	ISO 22007-2	W/mK	5
Thermal conductivity-Trans	ISO 22007-2	W/mK	1,5

Note: The properties indicated are generic. Different properties can be obtained depending on the fiber layout, the the modulus of the carbon fiber employed and the resin system used. Tests are in accordance with the Pultrusion standard UNE EN 13706.

MORE INFORMATION www.fiberprofil.com