



GRP Grating - 38 mm

FLEXI-GRP-K538-38-5-GREEN



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Properties

Matrix	Orthophtalic
Reinforcement	E-Glass
Colour	grey, near RAL 6010
Height	38 mm
Surface	concave
Width of bars	5,00 – 6,90 mm
Pitch (C/C)	38,10 x 38,10 mm
Meshwidth	31,20 x 31,20 mm
Standard panel size	1227 x 3665 mm

Tolerances:

Length / width	+ 0 / - 4 mm
Height	+ 1 / - 1 mm

Fixing possibilities:

Clamp fixing	B138T / K
Direct	B638T / K

We supply all fixings for GRP gratings in galvanized steel, stainless steel AISI304 and stainless steel AISI316

Mechanical properties

Weight	18,82 kg/m ²
Matrix content	ca. 68 %
Glassfiber content	ca. 32 % (DIN 1172)
Density	1,8 kg/dm ³
Serration class	R13 V10 (DIN 51130 og ASR A1 1.5/1,2)
E-Modulus	14.500 MPa (DIN EN ISO 178)
Max. bending stress	216 MPa
Area moment of inertia / 1 bar	26976,17 mm ⁴
Section modulus / 1 bar	1348,05 mm ³

Thermal properties

Max. application temperature	- 30°C / + 70°C
Flammability	Bfl-s1 (DIN EN 13501-1)
Flammability regarding UL94	V-0 (DIN IEC EN 60695)

Electric properties

Leak resistor	electrically non-conducting
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