

Datasheet HKP GRP – Grating Type HKP 50.38 IC

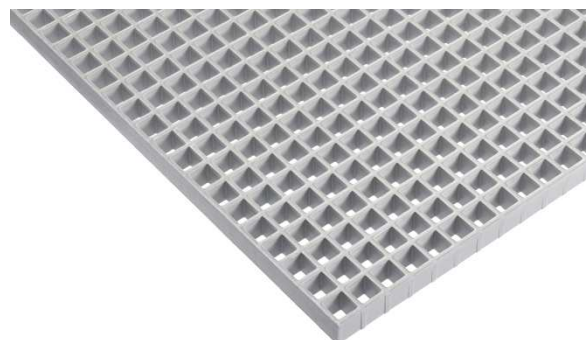
Properties

Matrix	isophthalic
Reinforcement	E-Glass
Colour	grey, near RAL 7035 (other colours on demand possible)
Height	50 mm
Surface	concave
Width of bars	5,00 – 7,50 mm
Pitch	38,10 x 38,10 mm
Mesh width	30,60 x 30,60 mm

Standard panel sizes: **1532 x 3666 mm**
(bold = ex stock)

Tolerances:

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



Mechanical properties	value	unit	norm
Weight	27,00	kg/m ²	
Matrix content	ca. 68	%	
Glassfiber content	ca. 32	%	DIN 1172
Density	1,8	kg/dm ³	
Serration class	R13 V10		DIN51130 ASR A1 1.5/1,2 DIN EN ISO 178
E-modulus	14.500	MPa	
Max. Bending stress	216	MPa	
Area moment of inertia / 1 bar	64236,11	mm ⁴	
Section modulus / 1 bar	2408,85	mm ³	
Thermal properties	value	unit	norm
Max. Application temperature	-30 / +70	°C	
Flammability	B _{fl} -s1		DIN EN 13501-1
Flammability regarding UL94	V-0		DIN IEC EN 60695
Electric properties	value	unit	norm
Leak resistor	electrically non-conducting		

The above-mentioned details refer to our current state of knowledge and shall inform on our products. The values and information listed are no minimum or maximum values, but guideline values which can be used for material selection. These values are within the normal tolerance range, however, they do not represent warranted property values and therefore should not be used for specification purposes. Reserve the right for technical changes.

