

Ficha técnica Nº RA.ISO.38.M3838 • © Fiber Profil S. L. • 17/05/2024

Ref. RA.ISO.38.M3838	Open mesh molded grating, RA ISO38M3838
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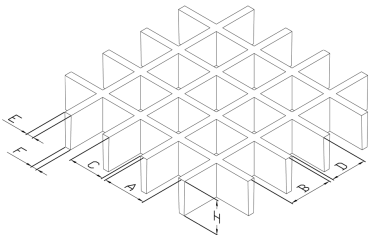
Gratings produced in compliance with standards ASTM D2583-07; ASTM D790-07e1; ASTM D638-08; ASTM G154-06; ISO 4589-2.

The quantity of fiber glass reinforcement is of 30% to 35% (by total weight).

Standard resin is isophthalic polyester with flame spread retardant → Rein IFR 25.

Flame spread rating ≤ 25 in compliance with standard ASTM E-84

All products have UV inhibitors and antioxidants.

PROPERTY	VALUE	
H	38,00 mm	
A	38,00 mm	
B	38,00 mm	
C	30,00 mm	
D	30,00 mm	
E	7,00 mm	
F	5,00 mm	
Weight (theoretical)	19,30 Kg/m ²	
Open surface	68,00 %	

KIND OF SURFACE	STATUS
G - Grit (silica)	Usually stocked
C - Concave	Usually stocked
S - Smooth	On demand

STANDARD COLORS	STATUS
RAL 7035	Usually stocked
RAL 6001	On demand
RAL 1003	On demand

DIMENSIONS	STATUS
1000 mm × 2000 mm	Usually stocked
1000 mm × 3000 mm	On demand
1000 mm × 4000 mm	Usually stocked
1220 mm × 2440 mm	On demand
1220 mm × 3660 mm	Usually stocked
1220 mm × 4000 mm	On demand
996 mm × 1985 mm	On demand
996 mm × 3012 mm	On demand
915 mm × 3050 mm	On demand
1524 mm × 4000 mm	On demand

PROPERTY	VALUE	TEST METHOD
Hardness	50,00 Bracol	ASTM 2583-07
Flexural strength	359,00 N/mm ²	ASTM D790-07e1
E - Modulus of Elasticity (1% Secant)	10.469,00 N/mm ²	ASTM D790-07e1
Tensile strength	208,00 N/mm ²	ASTM D638-08

Tensile Modulus	31.898,00 N/mm ²	ASTM D638-08
UV Resistance	4,00	ASTM G 154-6
Oxygen index	32,60 %	ISO 4589-2

L(MM)	FLEXION	CONCENTRATED LOAD
300	2.4	1.455,00
450	3.6	1.020,00
600	4.8	725,00
750	6	521,00
900	7.2	430,00
1000	8	317,00
1200	9.6	275,00

L(MM)	FLEXION	DISTRUBUTED LOAD
300	2.4	23.132,00
450	3.6	6.790,00
600	4.8	2.825,00
750	6	1.404,00
900	7.2	859,00
1000	8	605,00
1200	9.6	390,00