



TECHNICAL DATA SHEET

PRODUCT: QUARTZ BASED, RESIN BONDING ENGINEERED STONE

LAB SIZE: 152X305 cm

THICKNESS: 2 cm, 3 cm

SLAB WEIGHT : 245 KG

TEST	STANDART	UNITS	VALUES
DENSITY	EN 14617-1	gr/ cm ³	2,2-2,4
WATER ABSORPTION	EN 14617-1	% w/w	<0,06 ; W4
FLEXURAL STRENGTH	EN 14617-2	MPa	>35; F4
IMPACT RESISTANCE	EN 14617-9	joule	min. 3 (for 2 cm)
ABRASION RESISTANCE	EN 14617-4	mm	max. 30
THERMAL SHOCK RESISTANCE	EN 14617-6	%	loss in mass : <0,05 loss in flexural strenght : < 3
FREEZE AND THAW RESISTANCE	EN 14617-5		KMf25= 0,98
LINEAR THERMAL EXPANSION	EN 14617-11	1/°C	10-30x10 ⁻⁶
ELECTRICAL RESISTANCE	EN 14617-13	Ω	R _v = 5,42x10 ¹² R _s = 2,23x10 ¹²
FIRE RESISTANCE	EN 13501-1		A2s2d0
CHEMICAL RESISTANCE	EN 14617-10		C4

ALTERNATIF MERMER MÜHÜRÜ
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