

INDICATIVE TECHNICAL SPECIFICATIONS

Test	Standard	Unit	Values
Water Absorption	ASTM C97	%	0,04
	EN 14617-1	% w/w	< 0,07 / W4
Density	ASTM C97	lb/ft ³	150,9
	EN 14617-1	kg/m ³	2,34
Breaking Strength	ASTM C648	lbf	3883
Flexural Strength	ASTM C880	psi	Dry: 6809 Wet: 6725
	EN 14617-2	MPa	> 35 / F4
Modulus of Rupture	ASTM C99	psi	Dry: 7379
			Wet: 5585
Bond Strength	ASTM C482	psi	241
Compressive Strength	ASTM C170	psi	Dry: 33369
			Wet: 35446
Impact resistance	EN 14617-9	joule	> 3,36 (20 mm)
Abrasion resistance	ASTM C501	-	212
	EN 14617-4	mm	28 / A4
Thermal Shock Resistance	ASTM C484	-	No Visible Defects
	EN 14617-6	%	$\Delta m\% = 0,48$ $\Delta R_f, 20\% = 5$
Freeze and Thaw Resistance	ASTM C1026	-	No Visible Defects
	EN 14617-5	-	KMf25= 0,98
Linear Thermal Expansion	ASTM E228	1/°C	Freezing: $1,637 \cdot 10^{-5}$ Thawing: $1,958 \cdot 10^{-5}$
	EN 14617-11	1/°C	$19,7 \cdot 10^{-6}$
Slip Resistance	ASTM 1028	-	Dry: 0,76 Wet: 0,47
	EN 14231	-	Dry SRV : 40,8 Wet SRV: 4,5
Static Coefficient of Friction for Seta	ASTM 1028	-	Dry: 0,77
			Wet: 0,66
Fire Resistance	EN 13501-1	-	A2fl S1
			A2s2d0
Electrical Resistance	EN 14617-13	Ω	$R_s 2,6 \cdot 10^{12}$
			$R_v 2 \cdot 10^{12}$
Chemical Resistance	EN 14617-10	-	C4