

TECHNICAL DATA SHEET



SUSTONABLE

The Circular Design Surface

CHARACTERISTICS

TEST METHOD

PROPERTIES

UNITS

CURRENT FORMULA

RESULTS TESTED EXTERNALLY BY TURKISH STANDARDS INSTITUTION

CHARACTERISTICS	TEST METHOD	PROPERTIES	UNITS	CURRENT FORMULA	RESULTS TESTED EXTERNALLY BY TURKISH STANDARDS INSTITUTION
Apparent Density	EN 14617-1		g/cm ³		2.133
Water Absorption	EN 14617-1		%		0.2
Flexural Strength	EN 14617-2		Mpa		100.65
Modulus of Elasticity	ISO 178		Mpa		15482
Freeze and Thaw Resistance	EN 14617-5		KMr 25%		3.2
Impact Resistance	EN 14617-9		Joule		4.93
Chemical Resistance	EN 14617-10		-		Alkali: C4 / Acid: C4
Thermal Conductivity	EN 12664		W/mK		0.499
Thermal Shock Resistance	EN 14617-6		Rsf %		1.8
Dry Heat Resistance	EN 12722		at 180°C		4
Wet Heat Resistance	EN 12721		at 100°C		4
Reaction to Fire	EN 13501-1		-		C-s2,d2
Bond Strength Adhesion (resin adhesive)	EN 12004-2		N/mm ²		14.8
Resistance to Artificial Weathering (inc. light fastness)	EN ISO 4892-2		200 h		4