

TECHNICAL DATA SHEET

General Properties	Standard	Unit	Value
Density	NEN-ISO 1183-1	kg/m ³	1374
Water Uptake	DIN 1087-1	%	1.82
Linear Coefficient of Thermal Expansion	NEN-ISO 11359-2	m/°C	5.6 x 10 ⁻⁵
Weathering and UV Resistance	QUV EN 927-6		Less color change after 3 weeks weathering test

Mechanical Properties	Standard	Unit	Value
Brinell Hardness	EN 15534-1 : 2014	N/mm ²	87.6
Flexural Strength	ISO 178	MPa	36
Flexural Modulus	ISO 178	MPa	2900
Tensile Strength	ISO 527	MPa	15.5
Tensile Modulus	ISO 527	MPa	1820
Screw Withdrawal Resistance	ASTM D1037	MPa	13
Skid Resistance (Pendulum Test)	CEN-TS 16165	Dry	47
		Wet	31

Others Properties	Standard	Unit	Value
Durability (Resistant to Wood-Destructive Fungi)	DINV ENV 12038 : 2002		The material has not been affected, highest durability - Class 1
Emission	LGA-tested safety & contamination		LGA test passed
Durability - Resistance against Rotting Fungi	CEN/TS 15083-2		No attack by the test fungi, highest durability - Class 1
Durability against Mold Fungi and Wood Discoloring Fungi	EN 15534-1 : 2012		Durability against the wood discoloring fungi (very durable)
Durability against subterranean Termites	ASTM D3345 - 08		High Durability against subterranean Termites - nearly no weight loss

The material covered by this delivery is produced in accordance with TPC's manufacturing specifications currently in force for this product grade. TPC certifies that the material supplied has been monitored in accordance with the internal quality control routines employed in our company. However, the buyer must check the suitability of this grade for the actual application. This certification does not release the recipient from his obligation to carry out his usual incoming goods checks. Our general condition of sale remain in force.