

Technical data

for Ecodek Evolution



Physical property	Test method	Value
Linear mass	EN 15534-1: 2014, 6.5	3.50 kg/m
Dimensions	EN 15534-1: 2014, 6.6.2	24 x 136 mm (+/- 2%)
Deviation from straightness	EN 15534-1: 2014, 6.6.3	0.08 mm
Cupping	EN 15534-1: 2014, 6.6.4	0.09 mm

Mechanical characteristics	Test method	Value
Falling mass impact resistance	EN 15534-1: 2014, 7.1.2.1 (EN 477:1995)	0.18 mm
Elastic modulus (MOE)	EN 15534-1: 2014, Annex A (EN 310:1993)	1.26 GPa
Maximum stress (MOR)	EN 15534-1: 2014, Annex A (EN 310:1993)	16.32 MPa
Deflection at 500N	EN 15534-1: 2014, 7.3.2 (EN 310:1993)	0.54 mm
Slip resistance (PTV)	DD CEN/TS 15676:2007	DRY: 43 WET: 34
Mid span point Load	See load span table	

Durability	Test method	Value
Moisture resistance under cyclic test conditions	EN 15534-1: 2014, 8.3.2 (EN 321:2001)	0.42 mm
Swelling and water absorption	EN 15534-1: 2014, 8.3 (EN 317)	Thickness = 3.68% Width = 0.08% Length = 0% Weight = 0.76%