

TECHNICAL DATASHEET

Product Group: DesignTree ONEDTL FGU
 Colour Group: Solid Colour
 Surface: Full Gloss
 Thickness: 1 mm
 Width: 1220 mm



Test Parameters	Test Method	Unit	Standard Values With Tolerance
Colour Tolerances	ISO 11664-4 Light D65 10° measurement geometry d/8	Standard / Customer Sample	dE≤0.5 dL≤0.3 da≤0.2 db≤0.3
Thickness	ASTM D 6988	mm	1mm +/- 2 %
Width	ISO 4592	mm	1220+/- 2 mm
Length	ISO 4592	mm	2440 mm +/- 10 mm
GSM of Laminate	DIN ENISO 2286	Gm/m ²	1380 +/- 2 %
Dimensional Stability MD (Longitudinal) @ 140 °C / 5min	ASTM D 1204	%	-3.0 to -7.0
Dimensional Stability TD (Transverse)@ 140 ° C / 5min	ASTM D 1204	%	+0.0 to +1.5
Gloss @60 degree	ASTM D 2457	GU	Min.90 (Depends Upon Colour)
Impact Strength	ASTM D 2794	N (Newton)	850+/- 5
Scratch Resistance	DIN 68861/4	Level 4D (Depend On Pattern & Embossing)	1.5 Newton
Density	ASTM D792	g/cc	1.38+/- 0.02
Tensile Strength	ASTM D 638	Kg/Cm ²	Min. 550
Elongation At Break	ASTM D 638	%	Min. 10
Abrasion Resistance	DIN 68861/2	Level 2A (Depend On Pattern & Embossing)	150-350 No. Of Revolution
Heat Resistance for Embossing (100 degC)	DTL S100	-	No Visible Change
Chemical Resistance	DIN 68861/1 UNI EN 12720/99	-	≥ Level 1B
Light Fastness	1.DIN 54004 2.DIN 53387	-	≥ 7
Opacity	-	Over Black/White	dE ≤ 0.35
Cross-Cut	DIN EN ISO 2409	-	0
Anti-fingerprint	CE AA 10-85 Internal Test Method	-	i.O.
Resistance To Dry Heat	DIN 68861-7 DIN EN 12722	-	7C 70c°

***Declaration:** The above information is based on our current technical knowledge. They neither guarantee specific characteristics of the products nor their suitability for a particular application.

*Updated as of Nov.2023