

Testing

Technical data of DEBO[®] MFC

Properties	Unit	Standard	Value
Physical Properties			
Stain resistance	Rating	≤4	2
Resistance to cigarette burn	Rating	≥4	4
Scratch resistance	—	≥1.5N	Pass
Resistance to dry heat	Rating	≥4	4
Film adhesion	Rating	≤2	1
Surface bond strength	MPa	≥0.4	1.53
Hardness	—	> 2H	3H
Abrasion Resistance			
Abrasion value	mg/100r	≤80	72
Solid color	—	No exposure(350r)	—
图案纹	—	50% pattern rest(100r)	Pass
Mechanical Properties			
Density	g/cm ³	—	0.66
Density tolerance	%	±10	+1.21, -0.6
Moisture content	%	3~13	4.5
Static bending strength	MPa	≥11.0	13.9
Elasticity module	MPa	≥1600	2500
Internal bond strength	MPa	≥0.35	0.39
Surface bond strength	MPa	≥0.8	1.61
Thickness swelling(24h)	%	—	X95%:7.9
Screw holding	N	surface≥900 edge≥600	Surface:1030 Edge:770
Safety Performance			
Release of formaldehyde	mg/m ³	≤0.124	0.026

DEBO China

A: 1905, Block B, Xintian Century Commercial Plaza, Futian District, Shenzhen, China PRC

T: +86 755 29822199 E: sales@risewell.cn

www.debolaminate.com www.compactfiberboard.com



DEBO China