

technical data



Standard Thicknesses	Measurement	Units	Result
bond.™ Setting	From wall surface to front of markerboard.	in	5/16
fit.™ Setting	From wall surface to front of markerboard.	in	9/16

Standard Weights	Units Measured	Result
bond.™ Setting	Avg. lbs. per sq. ft.	2.5
fit.™ Setting	Avg. lbs. per sq. ft.	3

Physical Characteristics	Testing Method	Units	Result
Tensile Strength (Max)	ASTM D-638	psi	10,000
Tensile Modulus	ASTM D-638	psi	435,000
Flexural Strength	ASTM D-790	psi	15,000
Flexural Modulus	ASTM D-790	psi	435,000
Izod Impact Strength (Milled Notch)	ASTM D-256	ft/lbs in	0.28

Thermal Characteristics	Testing Method	Units	Requirements	Result
Class C2 or CC2 Material	ASTM D-635, D-1929, D-2843		IBC 2606.4 Specifications	Meets Specifications
Burn Rate - Light Transmitting Plastics (IBC2606)	ASTM D-635 - (2016)	in / min	Class CC2 = <2.5	1.019
Self Ignition Temperature - Light Transmitting Plastics (IBC2606)	ASTM D-1929 (2016)	°F	Must be greater than 650	734
Smoke Developed Index	ASTM E84-08a (2016)		Class 1, 2, 3 = <450	>450
Smoke Density - Light Transmitting Plastics (IBC2606)	ASTM D-2843 (2016)	%	Must be lower than 75	Max smoke density 12
Smoke Density Rating - Light Transmitting Plastics (IBC2606)	ASTM D-2843 (2016)	%	Must be lower than 75	3.70
Flame Spread	UL94 Horizontal Burning Test 94HB (2008)	mm / min	Burn Rate <40	Average 23mm / min / HB

Sustainability

Minimum Recycled Content:

(magnetic markerboards)

33% post consumer | 18% pre consumer

Contains LPC Red List Ingredients: No

Manufacturing Location: Minnesota, USA

Packaging Return Program: Available

End of Life Protocol: Recyclable

IEQ: Certified Clean Air Gold

mM Library: Included

LRV Index:

Diamond - 62 Pearl - 24

DiamondFx - 60 Sapphire - 28

Opal - 67 Ruby - 11

Jade - 58 Onyx - 2

Moonstone - 38 Grid - 63

Testing is performed by independent laboratories. The test results and other information contained in this documentation is to assist with specifications and is subject to change with varied applications. deko, LLC is not responsible for the certification or accuracy of independent data.

