

TECHNICAL SPECIFICATIONS:

InteFoam®

I. TYPICAL PROPERTIES (Based on 3 mm)

PROPERTY	TEST METHOD	UNIT	VALUE
PHYSICAL			
Specific Gravity	ASTM D 792	g/cm ³	0.70
Shore D Hardness	ASTM D 2240	D	45
MECHANICAL			
Tensile Strength @ Yield	ASTM D 638	psi	3,000
Elongation at Break	ASTM D 638	%	15
Flexural Strength @ Yield	ASTM D790	psi	3,500
Flexural Modulus	ASTM D 790	psi	150,000
Impact Strength(Izod Impact)	ASTM D 256	ft lb/in	0.30
Dielectric Strength	ASTM D 149	kv/mm	12
THERMAL			
Heat Distortion Temperature	ASTM D 648	°F	135
Coefficient of Linear Expansion	ASTM D 696	in/in/°F	3.5 x 10 ⁻⁵
Thermal Conductivity	ASTM C 177	Btu in/hr ft ² °F	0.50

II. FLAMMABILITY STANDARDS

OTHER PROPERTY		RATING
UL 94	V0	Passed
UL 94	5V	Passed

III. AVAILABILITY

	STANDARD	CUSTOM
SIZE	4 ft × 8 ft (48" x 96")	Available upon request
COLOR 3 mm & 6 mm	White, Black, Beige, Yellow, Red, Dark Gray, Light Gray, Dark Blue, Light Blue, Dark Green, Light Green.	Available upon request
GAUGES (in millimeters)	1 through 6	Available upon request

The information contained herein is true and accurate to the best of our knowledge. All recommendations and suggestions are made without guarantees. This information is to be used by individuals with technical skill at their own discretion and risk. Because conditions of use are beyond our control, World-Pak Division, Inteplast Group, Ltd. makes no warranties, expressed or implied, and assumes no liability in connection with the use of this information.

Note: The above properties may vary slightly due to different sheet thickness.

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INTEPLAST GROUP, LTD.
WORLD-PAK DIVISION

PVC Sheet Business Unit
9 Peach Tree Hill Road
Livingston, NJ 07039
Tel: 800-452-2117
Fax: 800-889-8807

TECHNICAL SPECIFICATIONS:

InteFoam[®]

I. TYPICAL PROPERTIES (Based on 16 mm)

PROPERTY	TEST METHOD	UNIT	VALUE
PHYSICAL Specific Gravity Shore D Hardness	ASTM D 792 ASTM D 2240	g/cm ³ D	0.55 ~ 0.60 45
MECHANICAL Flexural Strength @ yield Flexural Modulus Dielectric Strength	ASTM D 790 ASTM D 790 ASTM D 149	psi psi kv/mm	3,000 130,000 12
THERMAL Heat Distortion Temperature Coefficient of Linear Expansion Thermal Conductivity	ASTM D 648 ASTM D 696 ASTM C 177	°F in/in/°F Btu in/hr ft ² °F	130 3.5 x 10 ⁻⁵ 0.50

II. FLAMMABILITY STANDARDS

OTHER PROPERTY		RATING
UL 94	V0	Passed
UL 94	5V	Passed

III. AVAILABILITY

	STANDARD	CUSTOM
SIZE	4 ft x 8 ft (48" x 96")	Available upon request
COLOR	White	Available upon request
GAUGES (in millimeters)	10,12,12.7,16,19,25	Available upon request

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