

NIDAFOAM PU

STRUCTURAL PLASTIC FOAMCORE



Standard sheet size is 48" X96"

All NidaFoam PU products can be supplied in customer specified CNC cut kit form.

Closed cell content up to 95%

Freeze and thaw cycle tested.

Anti-static additives available for specific applications.

Low-abrasion additives available for machining applications.

Fire - retardant additives available.

Tests	PU 2 R	PU 4 R	PU 6 R
Compressive Strength ASTM D1621 (psi) Parallel to rise-thickness Perpendicular to rise-width Perpendicular to rise-length	30	95 80 100	140 130 130
Compressive Modulus ASTM D1621(psi) Parallel to rise-thickness Perpendicular to rise-width Perpendicular to rise-length	750	2100 1800 2600	3100 2800 2800
Tensile Strength ASTM D1623(psi)	30	55	95
Tensile Modulus ASTM D1623(psi)	1200	2300	2400
Flexural Strength ASTM D790(psi)	39	128	160
Dialectric Constant	1.3	1.3	1.3
Shear Strength ASTM C273(psi)	23	42	80
Shear Modulus ASTM C273(psi)	260	650	800
Thermal Conductivity K- factor(Btu-in/ft ² -h-F)	0.19	0.19	0.20
Water Absorption ASTM C272(lb/ft ²)	0.07	0.06	0.07
Buoyancy (lb/ft ³)	60	57	54.4
Dimensional Thermal Stability	-297 to +300 F	-297 to +300 F	-297 to+300F
Flammability ASTM D776	Self Extinguishing	Self Extinguishing	Self Extinguishing
Closed Cell Content	95 %	95 %	95%
R-Value	5.3	5.3	5

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All tests carried out by independent laboratory. This information is provided in good faith and is subject to modifications without prior notification. It does not constitute a commitment, neither a contractual document. Nida-Core Corp will not assume any liability form use or misuse of data presented herein. Assessment of suitability is the responsibility of end user only.

Several products offered by Nida-Core Corp. are approved by:

