

# Open Cell Rigid Foam

Open cell rigid foam is a composite foam made of urethanes, epoxies and structural fillers. Cell size ranges from 1.5 to 2.5mm in diameter and is more variable than solid or cellular polyurethane foams. Variation in foam density is  $\pm 10\%$  and is available in a range of densities from 0.12g/cc to 0.48 g/cc (7.5pcf to 30pcf).

Note: 30pcf open cell foam contains both closed and open cell walls.

DENSITY			COMPRESSION	
ASTM D1622		Volume Fraction	ASTM D1621	
(pcf)	(g/cc)		Strength (MPa)	Modulus (MPa)
5.5	0.09	0.08	0.11	6.2
7.5	0.12	0.11	0.28	18.6
10	0.16	0.14	0.53	35
15	0.24	0.15	0.67	53
20	0.32	0.21	1.3	105
30	0.48	0.31	3.2	270

