

Material Specification MS-0072
Closed Cell Polyurethane (PUR) Foam for Fypon

TABLE 1

MATERIAL CHARACTERISTIC	TEST	REFERENCE	SPECIFICATION	RANGE	UNITS
PHYSICAL	DENSITY	ASTM D1622-08	10	Min	pcf
	WATER ABSORPTION	ASTM D570	10	Max	% (weight)
	SHORE D HARDNESS	ASTM D2240-00	40	Min	C-2 scale
MECHANICAL	NAIL HOLD	ASTM D1761	45	Min	lb/in penetration
	SCREW HOLD		60	Min	
	STAPLE HOLD		20	Min	
THERMAL	COEFFICIENT OF LINEAR THERMAL EXPANSION	ASTM E228	4.0×10^{-5}	Max	in/in/°F
	FLAME SPREAD INDEX	UL 723	330	Max	
	SMOKE DEVELOPED INDEX	UL 723	800	Max	