



(20,40,65,80 PPI) Polyurethane, Polyester-Reticulated

Our reticulated polyester foams are high quality, open cell materials. They are based from polyurethane foam with a flame retardant additive to confirm to FM-VSS302 standards. It combines excellent chemical and fuel resistance good elongation and tear strength properties. This makes the material ideal for use in range of demanding applications and environments.

TECHNICAL DATA SHEET | (EFFECTIVE 25FEB24)

Polyurethane, Polyester

PHYSICAL PROPERTY	TEST METHOD	UNIT	PORE DENSITY			
			20	40	65	80
Cell Structure			Open	Open	Open	Open
Density	ISO 845	kg/m³	26.0 - 32.0	26.0 - 32.0	26.0 - 32.0	26.0 - 32.0
Pore Density	-	ppi	15 - 25	25 - 35	50 - 70	70 - 90
Tensile Strength	ISO 1798	kpa	55	75	115	125
Elongation at Break	ISO 1798	%	100	150	190	210
Compression Load Deflection	ISO 3386/1	kpa	2.1 - 4.1	2.6 - 4.6	2.6 -4.6	2.6 - 4.6
Cell Count	-	1/cm	5.0 - 6.0	10.0 - 13.0	14.0 - 17.0	18.0 - 21.0
Flammability	ISO 3795	mm/min	100	100	100	100
Tempurature	-	°C	-40 to 120	-40 to 120	-40 to 120	-40 to 120
Color	-	-	Charcoal Grey	Charcoal Grey	Charcoal Grey	Charcoal Grey