ISO Brand Rigid Polyiso Foams

Typical Properties/Technical Data

Property	ASTM Method	ISO2000	ISO3500	ISO4000	ISO6000	Units
Density	D1622	2	3.5	4	6	lbs/ft3
K-factor, initial 10 days	C518	0.15	0.15	0.15	0.16	BTU-in/hr-ft2-F
R-value, initial 10 days	C518	6.6	6.6	6.6	6.2	Hr-ft2-F/BTU-in
K-factor, aged 180 days	C518	0.176	0.176	0.176	0.185	BTU-in/hr-ft2-F
R-value, aged 180 days	C518	5.7	5.6	5.6	5.4	Hr-ft2-F/BTU-in
Dimensional Stability						
at -40F, 7 days	D2126	0.13	-0.2	-0.4	-0.3	% linear change
at 158F, 97% RH, 7 days	D2126	0.93	1	1	1	% linear change
At 212°F (100°C), 14 days	D2126	0.01	1.4	0.8	-0.4	% linear change
Compressive Strength	D1621	32 (221)	75 (520)	95 (655)	140 (970)	lbs/in2 (kPa)
Closed Cell Content	D2856	95	95	95	95	%
Water Absorption	C272	0.7	0.7	0.7	0.7	% by volume
Surface Burning Characteristics	E84	25/450	25/450	25/450	25/450	flame spread/ smoke developed
Service Temperature	-	-297to +300	-297to +300	-297to +300	-297to +300	Degrees F
ASTM E84	Class 1	Yes	Yes	Yes	Yes	-
ASTM C591	Type IV	Yes	Yes	Yes	Yes	-

Safety/Handling Considerations
All persons who work with these materials must know and follow the proper handling procedures found in the SDS.
Like all cellular plastics, this product will degrade upon prolonged exposure to sunlight.

ISO Technologies, Inc.
Corporate Office
200 Milliken Drive
Hebron, OH 43025

www.isotechfoam.com
Phone: (740) 928-0084
inbox@isotechfoam.com