



CORAFoAM P30 3 lbs/ft³

DESCRIPTION

Rigid closed-cell polyisocyanurate foam (Polyiso -PIR) expanded without HCFC or CFC

TEMPORARY DATA SHEET: the information reported in this sheet might be refined as more batches are manufactured

PROPERTY ^(*)	CONDITIONS	ASTM METHOD	ENGLISH UNITS		
DENSITY		D1622	lb/ft ³	3.0	
COMPRESSIVE STRENGTH	Parallel to rise (thickness)	D1621	lb/in ²	63	
	Perpendicular to rise 1 (width)		lb/in ²	46	
	Perpendicular to rise 2 (length)		lb/in ²	48	
TENSILE	Average	D1623	lb/in ²	55	
FLEXURAL	Average	C203	lb/in ²	65	
CLOSED CELL CONTENT		D2856	%	>92	
R-VALUE per inch	180 days, 1", 75°F		hr·ft ² ·°F/BTU	5.26	
k-FACTOR	180 days, 1", 75°F		BTU·in/hr·ft ² ·°F	0.19	
WATER ABSORPTION	24 hr	C272	% by volume	0.5	
WATER VAPOR PERMEABILITY		E96	Perm-inch	3	
DIMENSIONAL STABILITY	-40°F , 7 days	D2126	%	Length 0.0	Volume -0.1
	158°F, 97% r.h., 7 days		%	+0.5	+1.0
	-10°F , 7 days		%	0.0	0.0
	300°F, 7 days		%	+1.0	+1.5
	158°F, 7 days		%	+0.3	+0.8
BURNING CHARACTERISTICS		E84	Flame Spread	≤25	
			Smoke Develop.	≤450	
SERVICE TEMPERATURE			°F	-300 / +300	

~ (*) Average values throughout the cross section and at 74°F, unless otherwise specified.

~ UV rays may cause surface discoloration and dust. Do not expose to sun light after fabrication.

~ We reserve the right to modify specifications without prior notification. The values referring to the mentioned properties are typical and do not imply specification limits or guarantees.

~ Though the information reported in this data-sheet accurately reflects our knowledge and belief, we decline all responsibility for errors and omissions, damage or loss resulting thereof. It is necessary to verify any recommendations for use as regards to suitability and conformity with actual project requirements, specifications and any applicable laws.