

CORAFOAM[®] HPT 35

Product Data Sheet



Rigid closed-cell polyurethane foam

Blowing agents: Cyclopentane and isomers. HFCs/CFCs/HCFCs-free

Ozone Depletion Potential (ODP): 0

Global Warming Potential (GWP): <10

Main properties	Method	Test conditions		U.o.M.	Typical value
Nominal density	EN 1602/ASTM D1622			lb/ft ³	2,2
Thermal conductivity	EN 12667/ASTM C518/ASTM C177	50°F	Initial	BTU·in/hr·ft 2.°F	0,15
		68°F	Initial	BTU·in/hr·ft 2.°F	0,15
Colour					Grey
Closed-cell content	EN ISO 4590/ASTM D6226			%	> 95
Operating temperature				°F	-58 / 212
Mechanical properties	Method	Test conditions		U.o.M.	Typical value
Compressive strength	EN ISO 29469/ASTM D1621	73°F	Parallel	psi	39
Compressive modulus		73°F	Parallel	psi	1247
Compressive strength		73°F	Perpendicular	psi	20
Compressive modulus		73°F	Perpendicular	psi	551
Flexural strength	EN 12089/ASTM C203	73°F	Parallel	psi	41
Flexural modulus		73°F		psi	537
Tensile strength	EN 1607/ASTM D1623	73°F	Parallel	psi	68
Tensile E-modulus		73°F		psi	435
Tensile strength		73°F	Perpendicular	psi	48
Tensile E-modulus		73°F		psi	203
Shear strength	EN 12090/ASTM C273	73°F	Perpendicular	psi	30
Shear modulus		73°F		psi	319
Dimensional stability	EN 1604/ASTM D2126	158°F, 48h; ambient relative humidity	Length	%	0,0 / 1,5
		158°F, 48h; ambient relative humidity	Width	%	0,0 / 1,5
		158°F, 48h; ambient relative humidity	Thickness	%	0,0 / 1,0
		-13°F, 48h	Length	%	-0,5 / 0,5
		-13°F, 48h	Width	%	-0,5 / 0,5
		-13°F, 48h	Thickness	%	-0,5 / 0,5
Fire properties	Method	Test conditions		U.o.M.	Typical value
Fire reaction	DIN 4102			Classe	B3
	EN 13501		Blocks, sheets	Euroclasse	F

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Other properties	Method	Test conditions	U.o.M.	Typical value
Water absorption by volume	EN 12087/ASTM D2842		%	3,5

Remark: the terms parallel and perpendicular refer to the thickness direction of the slab or block

Remarks

The values indicated represent the typical properties obtained through laboratory tests under controlled boundary conditions and do not in any way constitute sales specifications. They are based on the current knowledge and experience of DUNA-USA when products are stored, handled and applied in accordance with the recommendations contained in the Safety Data Sheet (SDS) or in the Information Sheet for safe use of the product.

It is the Customer's sole responsibility to verify the suitability of the product for its application purposes and its production process. It is also the Customer's responsibility to ensure that handling, storage and disposal take place in compliance with applicable laws and to ensure that the methods of application, personal protective equipment (PPE) and the workplace are suitable and compliant with current regulations. For information relating to PPE, transport, storage and disposal of product residues, it is essential to refer to the SDS or the Information Sheet for safe use of the product.

It is recommended to store in the original packaging, in a covered, dry place, away from direct sunlight and away from heat sources.

DUNA-USA declines all responsibility for direct and indirect damages of any nature to persons or property including loss of profits.

This edition cancels and replaces all previous ones. DUNA-USA reserves the right to modify the data contained in the information sheet at any time, at its discretion.