

INNOFOAM - Data sheet

CAREFOAM HD110

Polyolefin foam

Carefoam HD110 is a polyolefin foam PE/EVA reticulated, closed celled available in sheets. Thermoplastically in simple or complex shapes.

Name : **CAREFOAM HD110**
Composition : EVA, PE, additive + pigment
Hardness : around 36 - 45 (Shore A)
Density : around 110 kg/m³

Polymer	EVA / PE		
Cell structure	Closed cell		
Property	Test Method	Units	Typical Value
Hardness (Durometer)	ASTM D2240 CNS 3555	Shore A	36 - 45
		Asker C	55 - 65
Density	ASTM D297 CNS5341	g/cm ³	0.09 – 0.12
		PCF	5,5 – 7,5
Tensile Strength	ASTM D 412 CNS 3553	kg/cm ²	12
		PSI	170
Tear Strength	ASTM D 624 CNS 3559	kg/cm	5
Elongation	ASTM D412 CNS 3553	%	150
Linear Shrinkage	70°Cx 24hrs, 10mm	%	2
Compression Set	ASTM D3575-00	%	13
Compression Deflection 25%	ASTM D3575-00 Temp. 23±1°C	kg/cm ²	2,0
		PSI	28,5
Resilience	ASTM D 2632	%	35
Self-extinguishing foam	FMVSS 302	mm/min	N/A
Safety standard	Contain no PVC, no LATEX and conform to CE safety regulation EN71-3(heavy metal limit), 76/769/EC (dangerous substance), 84/62/EC (harmful substance).		
Environmental conformity	CFC & AZO dye free		

Innofoam - Carefoam

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