

INNOFOAM - Data sheet

CAREFOAM 54

Polyolefin foam

Carefoam 54 is a polyolefin foam reticulated, closed celled available in sheets. Thermoplastically in simple or complex shapes.

Name : **CAREFOAM 54**
Composition : PE 93% + additive + pigment: 7%
Hardness : around 45-55 (A shore)
Density : around 160 kg/m³ (± 20 Kg/m³)
Color : black

Polymer	PE		
Cell structure	Closed cell		
Property	Test Method	Units	Typical Value
Hardness (Durometer)	ASTM D2240	Shore A	45 - 55
	CNS 3555	Asker C	67 - 75
Density	CNS5341	g/cm ³	0.14 – 0,19
	ASTM D297	PCF	8,5 – 12,0
Tensile Strength	CNS 3553	kg/cm ²	16
	ASTM D412	PSI	227
Tear Strength	CNS 3559 ASTM D624	kg/cm	8
Elongation	CNS 3553 ASTM D412	%	160
Compression Set	ASTM D3575-00	%	---
Compression Deflection 25%	ASTM D3575-00 temp 23±1°C	kg/cm ²	4
		PSI	57
Resilience	CNS 3561 ASTM D2632	%	---
Block size tested	2150 x 1060 x 38 mm		

Usage :Thermoplastically for a thickness from 3 to 10mm and 80°C during 3 to 4 minutes. For upper thicknesses, increase time and decrease the temperature,

Innofoam - Carefoam

Sales contact

Jean Poublan

Mobile : 0033 (0)6 71 37 37 35

Email : jean.poublan@innofoam64.com

Head office

Domaine Coulom - Aubous - 64330 Garlin

RCS PAU : 451 700 306 [2004 B 43]

SIRET : 451 700 306 00017 - TVA INTRA : FR66451700306