

ELABORATION	CONTROL	APPROVAL	CHRONO	DATE
F00623	Cécile Angibault	Mathieu Cabardis	26-059	02/07/2026

TECHNICAL MATERIAL DATA SHEET

Material n° : C4115	Colour : Noir / Black
Base : EPDM	
Hardness : 60 Shore A±5	

A Physical characteristics	Unit	Required	Results
Hardness, ±5 Shores A (ASTM D 2240)			60
Tensile strength, min (ASTM D 412)	kg/cm ²		120
Elongation at break, min (ASTM D 412)	%		350
Tear resistance (ASTM D 624)	kg/cm		30
Compression set (24h - 70°C) (ASTM D 395, Method B)	%		40
Specific gravity (ASTM D 1817)	g/cm ³		1.35
Services temperatures (-30 to +120)	°C		OK

C Heat resistance	Unit	Required	Results
Change in hardness (ASTM D 573 72H at 70°C)	Shore A		≤ ± 5
Change in tensile strength (ASTM D 573 72H at 70°C)	%		≤ -20
Change in ultimate elongation (ASTM D 573 72H at 70°C)	%		≤ -30
Ozone resistance (ASTM D 1149 50 pphm / 48h at 40°C, elongation 20%)			OK

E Dimensions	Unit	Required	Results
Thickness (Sheet)	mm		0.5-10/12-20/25-50

Z Compliant material	Unit	Required	Results
Special compound			OK

*The values are based on material slabs & buttons and are given as an indication.
We advise you to do your own tests validation.*