

ELABORATION	CONTROL	APPROVAL	CHRONO	DATE
F00623	C. ANGIBAULT	M. CABARDIS	26-055	02/07/2026

TECHNICAL MATERIAL DATA SHEET

Material n° : K4030	Colour : Noir / Black
Base : NBR	
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, Method C)	kg/cm ²		100
Elongation at break, min (ASTM D 412, Method C)	%		250
Tear resistance (ASTM D 624)	kg/cm		35
Compression set (24h - 70°C) (ASTM D 395, Method B)	%		30
Specific gravity (ASTM D 1817)	g/cm ³		1.20
Services temperatures (-30 to +120)	°C		OK

B Fluid resistance (oil)	Unit	Required	Results
Change in volume (ASTM D 471)	%		≤ -25

C Heat resistance	Unit	Required	Results
Change in hardness (ASTM D 573)	Shore A		≤ ± 5
Change in tensile strength (ASTM D 573)	%		≤ -10
Change in ultimate elongation (ASTM D 573)	%		≤ -10

E Dimensions	Unit	Required	Results
Thickness (Sheet)	mm		1/1.5/2/2.5/3-50

Z Compliant material	Unit	Required	Results
High oil resistance			OK

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