

The background is a dark blue-grey color. It is decorated with various geometric elements: orange circles of different sizes, some with dotted patterns; white circles and hexagons; orange hexagons; and white dotted patterns arranged in grids or arcs. Thin white lines also form geometric shapes like triangles and rectangles. The overall style is modern and minimalist.

Propriétés Structurelles



01.

Propriétés mécaniques

02.

Propriétés électriques

03.

Propriétés thermiques

04.

Propriétés optiques

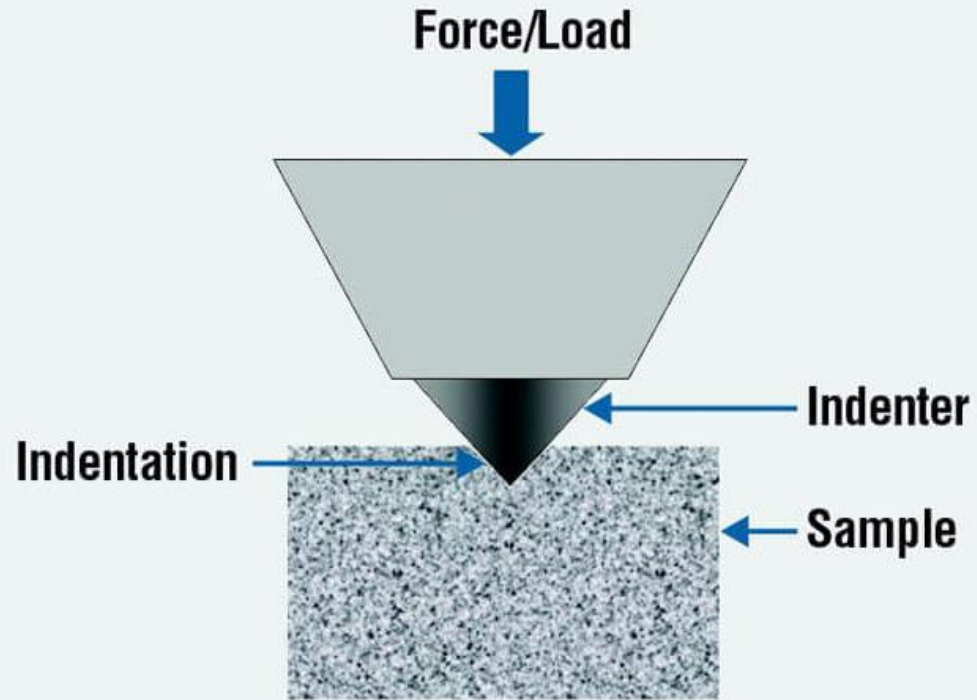
The background is a dark blue-grey color. It is decorated with various geometric elements: orange circles of different sizes, some with dotted patterns; white circles and hexagons; orange hexagons; and white dotted patterns arranged in various shapes. There are also thin white lines and orange dots scattered throughout.

Propriétés mécaniques

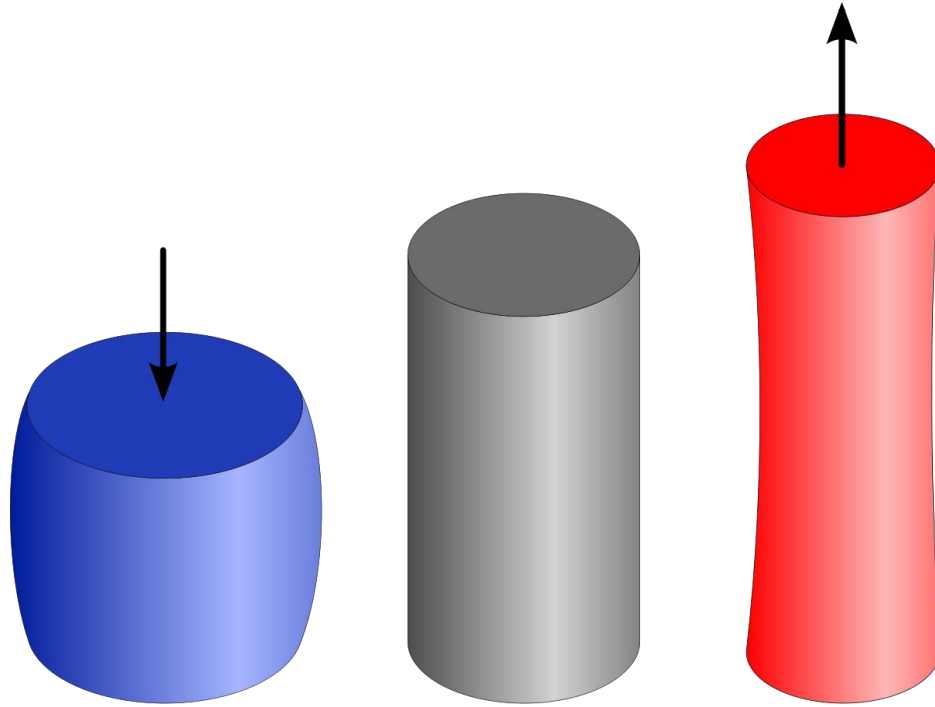
Résistance à la traction



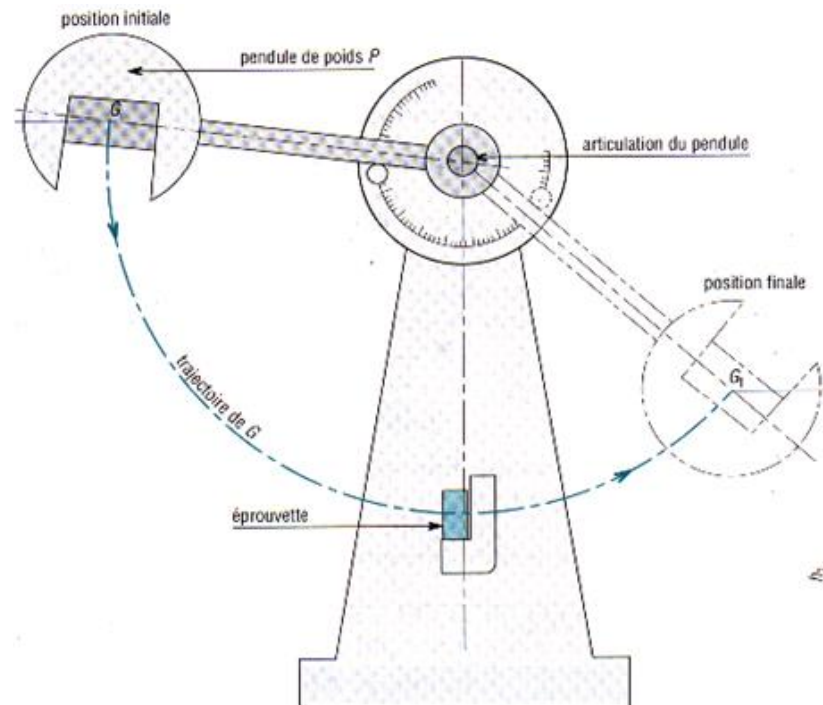
La dureté



L'élasticité



La résilience



The background is a dark blue-grey color. It is decorated with various geometric elements: orange circles of different sizes, some with white dots inside; white circles; orange hexagons; white hexagons; orange triangles; and white triangles. There are also patterns of small white dots arranged in grids or along the edges of shapes. A horizontal line of small orange dots is positioned above the title, and another is below it. The title 'Propriétés thermiques' is centered in a white, sans-serif font.

Propriétés thermiques

La conductivité thermique

	sec	hum.	
Matériaux isolants	0,028		polyuréthane
	0,040		laine minérale, liège
	0,058		vermiculite
	0,065		perlite
Bois et dérivés	0,17	0,19	feuillus durs
	0,12	0,13	résineux
Maçonneries	0,27	0,41	briques 700-1000 kg/m ³
	0,54	0,75	briques 1000-1600 kg/m ³
	0,90	1,1	briques 1600-2100 kg/m ³
Verre	1,0	1,0	
Béton armé	1,7	2,2	
Pierres naturelles	1,40	1,69	tuft, pierre tendre
	2,91	3,49	granit, marbres
Métaux	45		acier
	203		aluminium
	384		cuiivre

**Conductivité
thermique des
matériaux λ
en W/m.K**

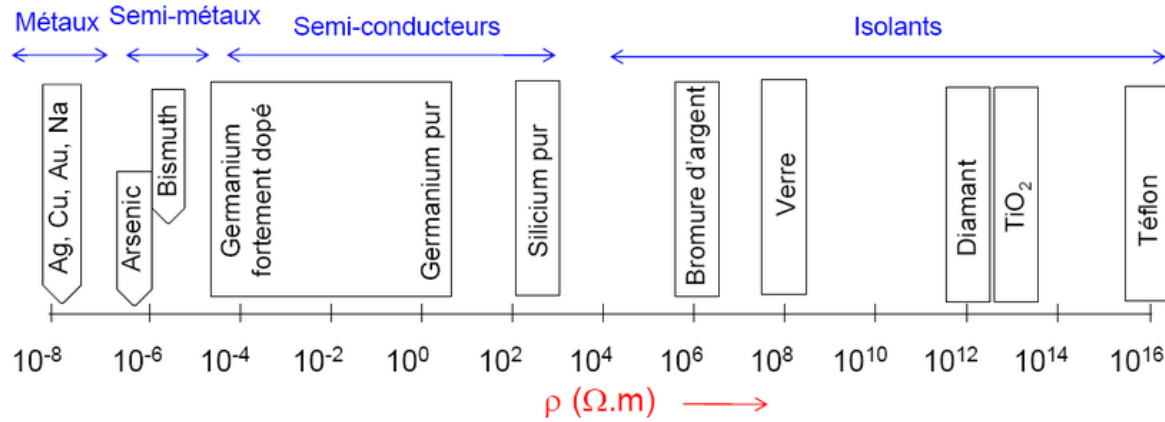
La dilatation thermique



The background is a dark blue-grey color. It is decorated with various geometric elements: orange circles of different sizes, some with dotted patterns; white circles and hexagons; orange hexagons; and white dotted patterns arranged in various shapes like circles, hexagons, and triangles. There are also orange lines and dots scattered throughout.

Propriétés électriques

La conductivité électrique



Propriétés optiques

