

Really cool

In recent years, GOMMAGOMMA's continuous research has led to the development of new products made of WATERGEL®. This revolutionary high-density polyurethane gel foam is produced using exclusive technology and provides a great feeling of coolness and

elasticity. It is also non-deformable and extremely breathable. Most of the flexible foams currently used to make mattresses are completely unable to achieve similar levels of breathability.



Density

Unit of measure **kg/m³**
Standard **UNI EN ISO 845**
Tolerance **+5%**



Compression

load-bearing capacity **40%**
Unit of measure **Kilopascal**
Standard **UNI EN ISO 3386-1**
Tolerance **+15%**

Bearing characteristics and sinking resistance

25% **31** 40% **42** 65% **94**

Unit of measure **Newton**
Standard **UNI EN ISO 2439B**
Tolerance **+15%**

Load at break

> 90

Unit of measure **Kilopascal**
Standard **DIN 53571**

Block height (max)

30

Unit of measure **cm**

Block length (max)

210

Unit of measure **cm**

Permanent compression deformation 50%

< 2

Unit of measure **%**
Standard **DIN 53572**

Elongation at break

> 200

Unit of measure **%**
Standard **DIN 53571**

Block weight (max)

200

Unit of measure **cm**

Air passage

130

Unit of measure **lt/min**
Standard **Internal**

soft

Really cool

In recent years, GOMMAGOMMA's continuous research has led to the development of new products made of WATERGEL®. This revolutionary high-density polyurethane gel foam is produced using exclusive technology and provides a great feeling of coolness and

elasticity. It is also non-deformable and extremely breathable. Most of the flexible foams currently used to make mattresses are completely unable to achieve similar levels of breathability.



Density

Unit of measure **kg/m³**
Standard **UNI EN ISO 845**
Tolerance **+5%**



Compression

load-bearing capacity **40%**
Unit of measure **Kilopascal**
Standard **UNI EN ISO 3386-1**
Tolerance **+15%**

Bearing characteristics and sinking resistance

25% **66** 40% **84** 65% **148**

Unit of measure **Newton**
Standard **UNI EN ISO 2439B**
Tolerance **+15%**

Load at break

>100

Unit of measure **Kilopascal**
Standard **DIN 53571**

Block height (max)

30

Unit of measure **cm**

Block length (max)

210

Unit of measure **cm**

Permanent compression deformation 50%

<2

Unit of measure **%**
Standard **DIN 53572**

Elongation at break

>200

Unit of measure **%**
Standard **DIN 53571**

Block weight (max)

200

Unit of measure **cm**

Air passage

130

Unit of measure **lt/min**
Standard **Internal**

Really cool

In recent years, GOMMAGOMMA's continuous research has led to the development of new products made of WATERGEL®. This revolutionary high-density polyurethane gel foam is produced using exclusive technology and provides a great feeling of coolness and

elasticity. It is also non-deformable and extremely breathable. Most of the flexible foams currently used to make mattresses are completely unable to achieve similar levels of breathability.



Density

Unit of measure **kg/m³**
Standard **UNI EN ISO 845**
Tolerance **+5%**



Compression

load-bearing capacity **40%**
Unit of measure **Kilopascal**
Standard **UNI EN ISO 3386-1**
Tolerance **+15%**

Bearing characteristics and sinking resistance

25% **120** 40% **160** 65% **300**

Unit of measure **Newton**
Standard **UNI EN ISO 2439B**
Tolerance **+15%**

Load at break

>110

Unit of measure **Kilopascal**
Standard **DIN 53571**

Block height (max)

30

Unit of measure **cm**

Block length (max)

210

Unit of measure **cm**

Permanent compression deformation 50%

<2

Unit of measure **%**
Standard **DIN 53572**

Elongation at break

>130

Unit of measure **%**
Standard **DIN 53571**

Block weight (max)

200

Unit of measure **cm**

Air passage

130

Unit of measure **lt/min**
Standard **Internal**