

g-sole REC D05

Specifications

REC
D05

g-sole
by getzner

Material mixed-cell PU elastomer
(polyurethane)
Colour green

PLATES:

Standard delivery dimension

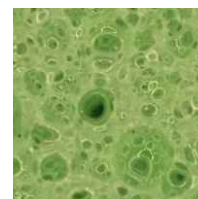
Thickness: 2 to 6 mm, 18 mm
Sheets: 1370 × 1200 mm

XL-REELS:

Standard delivery dimension

Thickness: 2 to 6 mm, 18 mm
Width: 1370 mm
Length: depending on thickness

Other dimensions on request.



Cellstructure

Material properties	Test methods ¹	Value	Comment
Density (Mean)	ASTM D3574 Test A	18 lb/ft ³ 285 kg/m ³	
Compression set ²	ASTM D3574 Test D	< 4 %	@ 50 % compression, 23°C (73.4°F), 72 h
Compression Force Deflection ²	ASTM D3574 Test C	17 psi 116 kPa	@ 25 % compression
Min. tensile stress at rupture	ASTM D3574 Test E	55 psi 381 kPa	
Min. tensile elongation at rupture	ASTM D3574 Test E	151 %	
Min. tear strength	ASTM D624 Test C	7.4 lbf/in 1.3 kN/m	
Loss factor	DIN 53513	0.17	
Rebound elasticity	ISO 8307	55 %	
Water absorption	ASTM D1056	269 %	
Operating temperature		-30 to 70°C -22 to 158°F	Short time higher temperature possible
Chemical resistance			There is an extra data sheet Chemical Resistance available.

¹ Tests according to respective standards

² The measurement is performed on a density-dependent basis with differing test parameters

All information and data is based on our current knowledge. The data can be applied for calculations and as guidelines, are subject to typical manufacturing tolerances and are not guaranteed. Material properties as well as their tolerances can vary depending on type of application or use and are available from Getzner on request. Further information can be found in VDI Guideline 2062 (Association of German Engineers) as well as in glossary. Further characteristic values on request. We reserve the right to amend the data. DB g-sole REC D05 en © Copyright by Getzner Werkstoffe GmbH | 04-2023

REC
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