

GEKO SpA

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TECHNICAL DATA SHEET GEKO BOX

Description of Material: Expanded reticulated Polyethylene with completely closed cells which gives a high level of resistance to compression and permanent deformation attached to a White /Red film 32 my.

PROPERTY	TEST METHOD	UNITS	TYPICAL VALUE
DENSITY	DIN 53420	Kg/m3	30 +/- 3
LOAD AT BREAKING POINT	DIN 53571	N/mm2	
LONGITUDINAL			> 0,18
TRANVERSE			> 0,16
STRETCH AT BREAKING POINT	DIN 53571	%	
LONGITUDINAL			> 80
TRANSVERSE			> 90
HARDNESS		sh A	16 +/- 3
TEMPERATURE RANGE	DIN 51949	°C	- 40
	DIN 53431	°C	+ 95
COMPRESSION SET			
22h, 25%, 23°C			
AFTER 0,5h	DIN 53572	%	< 15
COMPRESSION 24h	DIN 53572	%	< 8
RELEASE 100h	DIN 53572	%	< 4
PERMEABILITY TO WATER VAPOUR	DIN 52615	ng/Pa s m	0,12
ELECTRICAL RESISTANCE	Norma CEI 15-23	Ohm x m	> 100
HEAT CONDUCTION		Kcal / hm °C	λ = 0,0340

RESISTANT:

- To the absorption of water vapour
- To chemicals
- To mould
- To parasites
- To ozone
- To changes in weather

- To UV

HEALTH:

Does not contain asbestos, CFCs or release noxious gases.