

Soft PVC - Normal cold-resistant - Building material class B2

General properties	Test method	Unit	Guideline value
Density	DIN EN 53479/A	g / cm ³	1,21 + 0,03
Water absorption	DIN EN 53472	%	0,1 - 1
Flammability	DIN EN 53382/DIN4102/B2	---	Normal flammable
Edge flaming	DIN EN 53382/2/DIN4102/B2	---	Self-extinguishing
Fire behavior	DIN EN 53382/2/DIN4102/B2	---	Burns or does not continue to glow
Light transmission		%	≥ 80
Soundproofing	DIN EN 52210	dBa	ca. 30
REACH-Compliance	We hereby confirm compliance with Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16.12.2008 (REACH Regulation).		
PAK-Freedom	No polycyclic aromatic hydrocarbons are used in the production of the raw materials.		
Silikon-Freedom	Silicone is not part of the granules' formulation nor of the manufacturing process.		
RoHs	2011/65/EU of the European Parliament	Raw materials for the production comply with the requirements	
Heavy metals	We hereby confirm and warrant that the raw materials we use do not contain any of the heavy metals listed here: Pb Lead (Plumbum), Cd Cadmium, Cr Chromium VI, Hg Mercury (Hydragyrum), Zn Zinc.		
Mechanical properties			
Elongation at break	DIN EN ISO 527	%	≥ 360
Breaking stress	DIN EN ISO 527	MPa	≥ 18
Tear resistance	DIN EN 53515	N/mm	≥ 5
Hardness according to Shore A (pressing time 15s)	DIN EN 53515		77+3
Thermal properties			
Cold-breaking temperature	DIN EN 1876-2	° C	ca. - 35
Service temperature min.	Intern 35.008 / 35.010	° C	ca. - 5
Service temperature max.	Intern 35.008 / 35.010	° C	ca. 60
Electrical properties			
Surface resistance	IEC 93	Ω	6,5 * 10 ¹⁰