

KOMADUR

Description

High quality white, solid PVC sheets. The solid structure gives the sheets flexibility and impact resistance. Due to their properties, the boards are used in advertising, industrial and construction applications.

Technical data

Name				KomandurD	KomandurA
Density	[cm ³ /g]	ISO 1183	DIN 53479	~ 1.43	~ 1.43
Yield stress (tensile strength)	[MPa]	ISO 527	DIN 53455	≥ 50	≥ 55
Elongation at tear	[%]	ISO 527	DIN 53455	≥ 15	≥ 15
Modulus of elasticity	[MPa]	ISO 527-2/1A/50	DIN 53457	≥ 2,500	≥ 3,000
Shore hardness D			DIN 53505	80	82
Vicat softening temperature	[°C]	ISO 360 (B50)	DIN 53460	≥ 72	≥ 75
Coefficient of linear expansion -30 °C to + 50 °C	[mm/mK]		DIN 53752 (metoda Ae)	0.08	0.08
Notched impact strength	[kJ/m ²]	ISO 179-1 1ePA	DIN 53453	≥ 6	≥ 4
Volume resistivity	[Ω x cm]		DIN VDE 0130 DIN IEC 93	> 10 ¹⁴	> 10 ¹⁴
Surface resistivity	[Ω]		DIN VDE 0130 DIN IEC 93	> 10 ¹⁵	> 10 ¹⁵
Water absorption after 7 days	[%]		DIN 53495	< 0.08	< 0.08

Finishing and machining

Cutting, sawing, drilling, bending, thermoforming, routing.



The following technical details are issued to the best of our knowledge, however, without any responsibility for results due to several different kinds of material and application processes. Therefore, we highly recommend that before every usage a test should be conducted on the original material.