


TECHNICAL DATA SHEET		
PVC BOARD CX-A	Page 1 z 1 Release Date 15.11.2022	

DESCRIPTION

PVC CX-A is a board made of PVC (polyvinyl chloride) with recycled materials in co-extrusion technology. The PVC CX-A board consists of 3 layers ("sandwich" construction): two external layers A made of hard PVC and an internal layer B made of foamed PVC.

PVC CX-A boards are widely used in the advertising and furniture industry and as elements of bodies for specialist vehicles, housings for machines, devices, etc.

PVC CX-A boards can be processed using hand tools, power tools and CNC machines.

TECHNICAL DATA*

Lp.	Parameter	Standard	Value	Units
1.	Density	PN-EN ISO 1183-3:2003	0,45 - 0,5	g/cm ³
2.	Shore D Hardness	PN-EN ISO 868:2005	70,8	°Sh D
3.	Tensile Strength	PN-EN ISO 527-1:2012 PN-EN ISO 527-2:2012	11,2	MPa
4.	Tensile Modulus	PN-EN ISO 527-1:2012 PN-EN ISO 527-2:2012	8,33	MPa
5.	Elongation at Break	PN-EN ISO 527-1:2012 PN-EN ISO 527-2:2012	3,3	%
6.	Charpy Impact Strength with notch ISO 179/1eA	PN-EN ISO 179-1:2010	1,12	kJ/m ²
7.	Flexural stiffness modulus	PN-EN ISO 178:2019-06	1548	MPa
8.	Flexural strength	PN-EN ISO 178:2019-06	23,6	MPa
9.	Surface Resistivity	DIN IEC 60093:1980	2,17 * 10 ¹⁴	Ω · cm
10.	Hygienic certificate PZH nr B.BK.60111.0500.2022	-	-	-
11.	Tolerance for boards (thickness/width/length/angles)	According to PN-EN ISO 11833-1:2019-12	-	-

* Parameter values from items 1-9 apply to PVC CX-A BOARD with a thickness of 10 mm

The results for individual parameters are given on the basis of:

Items 1-2: ANPLAST Opole own research;

Items 3-6: Research report of October 5, 2022 - Łukasiewicz Research Network Institute of Heavy Organic Synthesis "Blachownia";

Items 7-9: Research report of 11.10.2022 - Łukasiewicz Research Network - Institute of Engineering of Polymer Materials Gliwice

Item 10: Hygienic certificate of the National Institute of Public Health, National Institute of Hygiene in Warsaw of October 28, 2022

The data presented are estimates and were obtained in laboratory conditions, based on the best knowledge and experience. The data are not binding. It is recommended to carry out production tests in advance to confirm the suitability of the raw material for the intended purpose and the solutions used. ANPLAST Anna Klimczyk is not liable for any damages resulting from any errors or inaccuracies in the above-mentioned estimates.