


LIGNAPAL - laminate (CPL)

as per May 2014

Product	Lignapal - CPL, multilayer thermoset product continuously pressed laminate																									
Product description	Decorative postformable laminate for coating wooden-, plastic or metal based materials.																									
Types	NCL/VCL - Standard for ordinary requirements MCF - Multi-layer foils (with Finish- Foil surface) APL - Worktop quality for higher requirements FB X - Flooring quality for highest requirements GRL - Ground laminate for further coating GGZ - Balancing laminate for stabilisation																									
Surface	Melamin resin with(out) surface structure, Finish- Foil, protection film																									
Back	sanded or unsanded																									
Properties	Parameters according to (not effective for MCF.GRL,GGZ)																									
		DIN 68861 EN 438																								
	Scratch-resistance:	4 B parameters 3: ≥ 2 N																								
	Chemical resistance:	1 B group 1 u. 2: grade 4-5 groupe 3: grade 3																								
	<table border="1"> <thead> <tr> <th></th> <th>group</th> <th>Parameter</th> </tr> </thead> <tbody> <tr> <td>Abrasion: NCL</td> <td>2 D</td> <td></td> </tr> <tr> <td>APL</td> <td>2 B</td> <td>3</td> </tr> </tbody> </table>			group	Parameter	Abrasion: NCL	2 D		APL	2 B	3															
	group	Parameter																								
Abrasion: NCL	2 D																									
APL	2 B	3																								
	<table border="1"> <thead> <tr> <th colspan="3">Abrasion classes FB acc. to EN 13329</th> <th>Initial point IP [Tabor turn]</th> </tr> </thead> <tbody> <tr> <td>FB 1:</td> <td>class 21</td> <td>AC 1</td> <td>≥ 900</td> </tr> <tr> <td>FB 2:</td> <td>class 22</td> <td>AC 2</td> <td>≥ 1500</td> </tr> <tr> <td>FB 3:</td> <td>class 23/31</td> <td>AC 3</td> <td>≥ 2000</td> </tr> <tr> <td>FB 4:</td> <td>class 32</td> <td>AC 4</td> <td>≥ 4000</td> </tr> <tr> <td>FB 5:</td> <td>class 33</td> <td>AC 5</td> <td>≥ 6000</td> </tr> </tbody> </table>		Abrasion classes FB acc. to EN 13329			Initial point IP [Tabor turn]	FB 1:	class 21	AC 1	≥ 900	FB 2:	class 22	AC 2	≥ 1500	FB 3:	class 23/31	AC 3	≥ 2000	FB 4:	class 32	AC 4	≥ 4000	FB 5:	class 33	AC 5	≥ 6000
Abrasion classes FB acc. to EN 13329			Initial point IP [Tabor turn]																							
FB 1:	class 21	AC 1	≥ 900																							
FB 2:	class 22	AC 2	≥ 1500																							
FB 3:	class 23/31	AC 3	≥ 2000																							
FB 4:	class 32	AC 4	≥ 4000																							
FB 5:	class 33	AC 5	≥ 6000																							
	Lightfastness:	≥ grade 6	DIN 53388																							
Storing	6 Months in original packing at 18° - 23° C and 50-65% rel. humidity																									
Thicknesses	0,15 mm - 1,20 mm (0,15 mm up to 0,30 mm applicable for wrapping)																									
Sizes	Rolls	Thickness: 0,15 - 0,60 mm Width: 1315 mm (standard) or < 1315 mm acc. to agreement Length: at 0,6 mm thickness, approx. 300 m (outer - roll diameters max: approximatively 450 mm)																								
	Sheets	Thickness: 0,30 mm bis 1,20 mm Width: 1315 mm (standard) or < 1315 mm acc. to agreement Length: 1300 - 5300 mm																								
Deliveries	Rolls on core 150 mm standing or laying on pallets Foiled sheets on pallets																									

The general information given in this technical data-sheet is to be understood as an informative one, without any commitments. Suitability of the product is depending on different application(s) and production processing(s) tested before as well as industrialized then, with no interactions from us. Just in case, necessary modifications are possible.

Our General Sale's Agreement should prevail.