

PURIFLEX

MATERIAL PROPERTIES DATA SHEET

PURIFLEX is a continuous pressure laminate (CPL), normally intended for bonding to supporting substrates with flat or curved surfaces. PURIFLEX is composed of a cellulosic substrate and a decorative surface made of paper impregnated with aminoplastic thermosetting resins. The layers are bonded together by a high temperature continuous process to obtain a flexible material. PURIFLEX is available in three different versions R0, R1 and R2 of bending radius, in order to satisfy different postformability needs.

			R0	R1	R2	
PROPERTIES	TEST METHOD	PROPERTY OR ATTRIBUTE	VALUES			UNIT
SURFACE PROPERTIES						
Resistance to water vapour	EN 438-2:2016 Par. 14	Appearance	≥ 3	≥ 3	≥ 3	Rating
Resistance to dry heat (160°C)	EN 438-2:2016 Par. 16	Appearance	≥ 3	≥ 4	≥ 4	Rating
Resistance to wet heat (100°C)	EN 438-2:2016 Par. 18	Appearance	≥ 3	≥ 4	≥ 4	Rating
Resistance to scratching	EN 438-2:2016 Par. 25	Force	≥ 1	≥ 1	≥ 2	Rating
Resistance to staining	EN 438-2:2016 Par. 26	Appearance groups 1 & 2 Appearance groups 3	≥ 2 ≥ 3	≥ 2 ≥ 3	5 ≥ 4	Rating
Light Fastness (Xenon-arc)	EN 438-2:2016 Par. 27	Contrast	≥ 4	≥ 4	≥ 4	Grey scale rating
POSTFORMING GRADE PROPERTIES						
Formability	EN 438-2:2016 Par. 32	Bending radius	0	1	2	mm
Resistance to blistering	EN 438-2:2016 Par. 34	Time to blister	≥ 10	≥ 10	≥ 10	s