



Essential characteristics		Performance																Harmonised technical specification	
Thickness (mm)		3	4	5	6	6 (5 plies)	8	10	12	15	18	19	20	22	25	30	35	40	EN 13986:2004
Modulus of elasticity (N/mm <sup>2</sup> )	Bending parallel to faces	8900	8380	7730	7250	7320	5710	5190	4830	4860	4750	4710	4710	4050	4650	4630	4610	4670	
	Bending perpendicular to faces	340	860	1510	1990	1920	3530	4050	4410	4380	4490	4530	4530	5190	4590	4610	4630	4570	
	Tension parallel to faces	6160	5040	4180	3700	5550	3780	4660	3520	4740	4230	4580	4580	4020	4580	4590	4590	4730	
	Tension perpendicular to faces	3080	4200	5060	5550	3700	5460	4580	5720	4500	5010	4660	4660	5220	4660	4650	4650	4510	
	Compression parallel to faces	6160	5040	4180	3700	5550	3780	4660	3520	4740	4230	4580	4580	4020	4580	4590	4590	4730	
	Compression perpendicular to faces	3080	4200	5060	5550	3700	5460	4580	5720	4500	5010	4660	4660	5220	4660	4650	4650	4510	
	Planar shear parallel to faces	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	
	Planar shear perpendicular to faces	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	
	Panel shear parallel to faces	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420	
	Panel shear perpendicular to faces	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420	
Punching shear	NPD																		
Impact resistance	NPD																		
Vapour permeability - wet cup	70																		
Vapour permeability - dry cup	200																		
Thermal conductivity (W/m.K)	0,13																		
Sound absorption	NPD																		
Pentachlorophénol content	< 5 ppm																		
Mechanical durability (medium duration of load) / service class 3	kmod = 0,65    kdef = 2,5																		
Biological durability : class of use	3																		

10/- The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.  
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by :  
Jérôme BLANC  
Mill manager



Libreville 1st of July 2013



Essential characteristics		Performance																Harmonised technical specification	
Thickness (mm)		3	4	5	6	6 (5 plies)	8	10	12	15	18	19	20	22	25	30	35	40	EN 13986:2004
Modulus of elasticity (N/mm <sup>2</sup> )	Bending parallel to faces	8900	8380	7730	7250	7320	5710	5190	4830	4860	4750	4710	4710	4050	4650	4630	4610	4670	
	Bending perpendicular to faces	340	860	1510	1990	1920	3530	4050	4410	4380	4490	4530	4530	5190	4590	4610	4630	4570	
	Tension parallel to faces	6160	5040	4180	3700	5550	3780	4660	3520	4740	4230	4580	4580	4020	4580	4590	4590	4730	
	Tension perpendicular to faces	3080	4200	5060	5550	3700	5460	4580	5720	4500	5010	4660	4660	5220	4660	4650	4650	4510	
	Compression parallel to faces	6160	5040	4180	3700	5550	3780	4660	3520	4740	4230	4580	4580	4020	4580	4590	4590	4730	
	Compression perpendicular to faces	3080	4200	5060	5550	3700	5460	4580	5720	4500	5010	4660	4660	5220	4660	4650	4650	4510	
	Planar shear parallel to faces	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	
	Planar shear perpendicular to faces	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	
	Panel shear parallel to faces	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420	
	Panel shear perpendicular to faces	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420	
Punching shear	NPD																		
Impact resistance	NPD																		
Vapour permeability - wet cup	70																		
Vapour permeability - dry cup	200																		
Thermal conductivity (W/m.K)	0,13																		
Sound absorption	NPD																		
Pentachlorophénol content	< 5 ppm																		
Mechanical durability (medium duration of load) / service class 1	kmod = 0,80    kdef = 0,80																		
Biological durability : class of use	1																		

10/- The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.  
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by :  
**Jérôme BLANC**  
 Mill manager



Libreville 1st of July 2013