



PAULOWNIA™、PAULOWNIA™HD Light

Grade	Item	Unt	Method	direction	Tickness (mm)								
					2	3	4	5	6	7	8	10	
PAULOWNIA™	tensile strength	MPa	RMT Method reference : JIS K-7173	MD	7.8	6.5	5.8	-	-	-	-	-	-
				TD	6.3	6.0	6.0	-	-	-	-	-	-
	tensile elongation	%	RMT Method reference : JIS K-7173	MD	75	55	40	-	-	-	-	-	-
				TD	40	45	45	-	-	-	-	-	-
	Flexural Strength	MPa	RMT Method reference : JIS K-7171	MD	6.7	7.0	7.1	7.3	7.0	-	7.8	8.0	
				TD	3.9	4.5	5.2	6.0	6.5	-	7.8	8.6	
	Flexural Modulus	MPa	RMT Method reference : JIS K-7171	MD	440	360	320	300	270	-	300	290	
				TD	260	220	220	230	230	-	270	270	
PAULOWNIA™ HD Light	Flexural Strength	MPa	RMT Method reference : JIS K-7171	MD	-	7.5	-	8.1	-	8.2	-	8	
				TD	-	6.3	-	7.9	-	8.7	-	10.3	
	Flexural Modulus	MPa	RMT Method reference : JIS K-7171	MD	-	520	-	430	-	380	-	340	
				TD	-	420	-	420	-	390	-	390	

※-1) PAULOWNIA™with a thickness of 6 mm or more are gas injection foaming ,others are chemical foaming

※-2) "-" in the table indicates that there is no data because measurement is not possible.

※-3) Flexural strength and modulus are measured with a distance between gauge lines of 100 mm.

PAULOWNIA™ Super、PAULOWNIA™ Super HD

Grade	Item	Unt	Method	direction	Tickness (mm)						
					3	5	7	8	10	15	20
PAULOWNIA™ Super	Flexural Strength	MPa	RMT Method reference : JIS K-7171	MD	-	13.1	-	12.3	11.9	-	-
				TD	-	11.8	-	13.2	14.0	-	-
	Flexural Modulus	MPa	RMT Method reference : JIS K-7171	MD	-	505	-	450	410	-	-
				TD	-	470	-	430	420	-	-
PAULOWNIA™ Super HD	Flexural Strength	MPa	RMT Method reference : JIS K-7171	MD	12.1	13.3	14.3	-	14.9	12.7	12.0
				TD	11.7	13.9	15.8	-	17.7	15.5	15.7
	Flexural Modulus	MPa	RMT Method reference : JIS K-7171	MD	790	680	620	-	560	590	510
				TD	780	710	670	-	650	680	580

※-1) "-" in the table indicates that there is no data because measurement is not possible.

※-2) PAULOWNIA™ Super : Flexural strength and modulus are measured with a distance between gauge lines of 100 mm.

PAULOWNIA™ Super HD : Flexural strength and modulus are measured with a distance between gauge lines of 200 mm.

conductive PAULOWNIA™

Grade	Item	Unt	Method	direction	Tickness (mm)
					3
conductive PAULOWNIA™	tensile strength	MPa	RMT Method reference : JIS K-7173	MD	6.7
				TD	6.3
	tensile elongation	%	RMT Method reference : JIS K-7173	MD	35
				TD	30
	Flexural Strength	MPa	RMT Method reference : JIS K-7171	MD	8
				TD	5.5
	Flexural Modulus	MPa	RMT Method reference : JIS K-7171	MD	420
				TD	280
surface resistivity	Ω	RMT Method reference : JIS K-6911			4×10^6

※-1) "-" in the table indicates that there is no data because measurement is not possible.

The above physical property values are typical values and are not guaranteed values.

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