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# LAMPIRAN

## Lampiran 1. Sertifikat Material ABS Grade A

Heat Number	Plate Number	Quantity	Dimensions (mm)			Weight (MT)	Lytic Analysis (%)													Tensile Test			Impact Value (Joule)			Remarks							
			T	W	L		C	Si	Mn	P	S	Nb	Al	Cr	Ni	Mo	V	Al	Ti	N	Test No.	T.S. N/mm <sup>2</sup>	T.S. N/mm <sup>2</sup>	El %	Test		I	II	III	Av			
K 81741	G 11-15	5	10	1829	6096	4.37%	17	1	84	11	12	2	2	1	1	1	2	3	43	2	3	F1	353	446	24					16-Jan-23			
	T 23-24	2	"	"	"	4.37%	17	2	85	15	14	2	2	1	1	1	2	48	2	3	H5	303	432	24					16-Jan-23				
K 81904	Q 11-14	4	"	"	"	3.500	17	1	85	12	12	2	1	1	1	1	2	46	2	4	G1	334	440	24					16-Jan-23				
	Q 21-26	5	"	"	"	4.37%	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"			
K 81927	R 13-15	3	"	"	"	2.623	17	1	86	10	12	3	1	1	1	1	2	45	1	4	S4	331	439	25					16-Jan-23				
	G 11-16	6	"	"	"	4.87%	17	1	84	15	14	4	2	2	1	2	2	50	2	4	I7	280	435	24					16-Jan-23				
K 81952	K 11-15	5	"	"	"	4.37%	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"			
	R 21-22	2	"	"	"	1.750	17	2	85	11	10	2	1	1	1	0	1	2	47	2	5	H7	307	425	24					16-Jan-23			
K 82051	R 31-35	5	"	"	"	4.37%	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
	S 22	1	"	"	"	0.87%	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
K 82084	G 21-32	2	"	"	"	1.750	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
	T 11-15	5	"	"	"	4.37%	16	2	86	12	5	2	1	1	0	1	2	42	2	4	T3	821	446	25					16-Jan-23				
K 82988	T 21-24	4	"	"	"	3.500	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
	T 31-34	4	"	"	"	3.500	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
K 82988	R 31-35	5	"	"	"	4.37%	16	1	85	13	9	2	2	1	1	1	2	40	1	3	R4	317	431	24					16-Jan-23				
	T 15	1	"	"	"	0.87%	16	2	84	14	6	3	2	3	1	3	2	45	2	3	G3	321	447	25					16-Jan-23				
K 77629	T 22-23	2	"	"	"	1.750	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	T 31-32	2	"	"	"	1.750	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
K 83925	Q 13-14	4	14	1829	6096	4.900	17	2	85	15	10	2	3	1	1	2	2	41	2	4	P4	327	451	24					16-Jan-23				
	I 11	1	"	"	"	1.225	16	1	85	11	13	3	2	1	1	1	2	43	1	3	H	304	438	24					16-Jan-23				
K 83925	I 13-14	2	"	"	"	2.450	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
						94.750																											

## Lampiran 2. Material ABS Grade A

