

**Alloy Exchange - AE ABS001 - Statistical Data**

Lot #	Gravity ISO 1183	Elongation ISO 527-1	tensile strength ISO 527-1	flex mod ISO 178	charpy@23 ISO 179-1	charpy@-30 ISO 179-1	hdtul ISO 75-1	vicat temp ISO 306	Melt ISO1133	Izod ISO 180
1999	1.05	2.37	46.7	2.6	18.7		86.5	97.5	20	18.4
	1.05	2.49	47.1	2.6	17.8		86.4	98.5	20.1	18.5
	1.05	2.58	46.9	2.6	18.4					17.9
		2.4	46.7	2.6	17.9					15.8
		2.58	47.1	2.6	18.7					15.5
				2.6	18.9					17.7
				2.6	18.2					17.9
				2.6	18.7					18.2
				2.6	17.6					18.1
				2.6	18.1					17.8
2000	1.05	2.4	46.2	2.6	18.3		85.1	98	20.4	18.9
	1.05	2.45	46.5	2.6	18.2		84.7	98.4	21	17.7
	1.05	2.46	46.5	2.6	18.5					18.6
		2.4	46.6	2.6	18.4					18.7
		2.55	46.8	2.6	17.7					18.4
				2.6	17.3					18.7
				2.6	18					18.8
				2.6	17.8					18.1
				2.6	17.8					18.6
				2.6	18.6					18.3
2001	1.06	2.44	46.9	2.6	17.5		87.2	98.8	19.8	17.9
	1.05	2.5	46.9	2.6	16.6		87.5	99	20.4	16.9
	1.06	2.51	47.1	2.6	17.3					17.3
		2.47	47	2.6	16.8					18.1
		2.48	47	2.6	17.6					19.3
				2.6	17.7					17.6
				2.6	17.5					17.9
				2.6	18.1					17.9
				2.6	17.7					18
				2.6	17.5					17.8
2002	1.06	2.3	46.6	2.6	18.4		87.6	97.2	20	18
	1.05	2.43	47.2	2.6	18		87	97.7	20.1	17
	1.06	2.46	47	2.6	17.4					17
		2.38	46.7	2.6	17.6					18.4
		2.37	46.6	2.6	18.1					16.8



Lot #	Gravity	Elong	tensile strength	flex mod	<a href="#">charpy@23</a>	<a href="#">charpy@-30</a>	hdtul	vicat temp	Melt	Izod
n	18	30	30	60	60	10	12	12	12	50
mean-3	1.039	2.202	45.669	2.452	15.743	6.257	83.536	96.452	19.048	15.425
mean	1.053	2.480	46.777	2.582	17.908	7.870	86.567	98.267	20.117	18.144
mean +3	1.068	2.759	47.884	2.711	20.073	9.483	89.597	100.082	21.186	20.863
Sigma	0.005	0.093	0.369	0.043	0.722	0.538	1.010	0.605	0.356	0.906