SUSTAINABLE ALUMINIUM

DATA SHEET

ALUMERO

Alloy		EN AW-6060		EN AW-6063		EN AW-6005A		EN AW-6082	
		World / EN573-3	Metagreen	World / EN573-3	Metagreen	World / EN573-3	Metagreen	World / EN573-3	Metagreen
Chemical composition (%)	Si	0,30 - 0,60	0,30 - 0,60	0,20 - 0,60	0,20 - 0,60	0,50 - 0,90	0,50 - 0,90	0,70 - 1,30	0,70 - 1,30
	Fe	0,10 - 0,22	0,10 - 0,30	max. 0,23	max. 0,35	max. 0,35	max. 0,35	max. 0,50	max. 0,50
	Cu	max. 0,02	max. 0,10	max. 0,03	0,05 - 0,10	max. 0,30	max. 0,30	max. 0,10	max. 0,10
	Mn	0,04 - 0,06	max. 0,10	0,04 - 0,06	max. 0,10	max. 0,5	max. 0,5	max. 1,0	0,40 - 1,00
	Mg	0,35 - 0,60	0,35 - 0,60	0,45 - 0,90	0,45 - 0,90	0,40 - 0,70	0,40 - 0,70	0,60 - 1,20	0,60 - 1,20
	Zn	max. 0,03	max. 0,15	max. 0,03	max. 0,10	max. 0,20	max. 0,20	max. 0,20	max. 0,20
Surface treatment	Anodising	++++	++++	++++	++++	+++	+++	++	++
	Powder coating	++++	++++	++++	++++	+++	+++	++	++
Mechanical properties		+++	+++	+++	+++	++++	++++	++++	++++
CO_2 footprint (tons CO_2 / tons AL)		18	4 to 6	18	4 to 6	18	4 to 6	18	4 to 6
Applications		Building industry, Electrical industry, Plant and machine construction		Building industry, Electrical industry, Plant and machine construction		E-mobility, Railway, Commercial vehicle, Automotive		E-mobility, Railway, Marine, Commercial vehicle, Automotive	

– Reduced CO_2 footprint – Recycling rate up to 80% – Energy save up to 95% – Perfect sustainable material

metagreen

TIME TO TAKE RESPONSIBILITY, NOW AND IN THE FUTURE

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