

Aluminum Shot and Cut Wire

Light, soft aluminium media in A1070, A1050, 5056 and 1100 for thin-wall and light-alloy work that heavier media would deform.

Size available	0.6 mm to 3.5 mm
Grades	A1070 · A1050 · 5056 · 1100
Standards	AMS 2431/8A, MIL-S-13165C, DIN 8201, VDFI 8001, SAE J441, DQML 001-2008
Products in range	2

Applications

- Plants blasting aluminium and zinc parts that need an obvious white effect
- Manufacturers of thin or delicate workpieces where heavier media would distort the part
- Shops that must avoid any iron contamination on light alloy surfaces

Advantages

- Density of 2.7 g/cm³ and hardness of 65 to 125 HV give a gentle cutting action
- Bright appearance with the obvious white effect the old site describes
- Available as cut (column form) or conditioned (rounded) from the same wire stock

Aluminum Cut Wire Shot As Cut

A1070 / A1050 / 5056 / 1100, 0.6 mm to 3.5 mm, 65-125 HV



SUKIE METAL ABRASIVE CO.,LTD.

Place of Origin	China
Brand Name	SUKIE
Model Number	0.6-3.5 mm
Material	Aluminum
Usage	Shot blasting, shot peening, surface treatment
Abrasive Grain Sizes	0.6 mm to 3.5 mm
Size available	0.6 mm to 3.5 mm, other sizes can be customized
Grain shape	As cut, column form

Aluminium cut wire shot in the as-cut condition has a bright appearance and a column form. A conditioned version is also produced. It applies in shot blasting treatment for aluminium, zinc or tenuous workpieces, where it gives the obvious white effect described by Sukie.

Chemical composition and specification

Product	Grade	Al	Mg	Si	Cu	Zn	Mn	Density	Hardness	Test
Aluminum cut wire	A1070	99.7%	/	0.2% max	0.04% max	0.04% max	0.03% max	2.7 g/cm ³	65-125 HV	Pass
Aluminum cut wire shot	A1050	99.5%	/	0.25% max	0.05%	0.05% max	0.05% max	—	—	Pass
Aluminum cut wire shot	5056	93-94%	4.5-5.6%	0.3% max	0.1%	0.1% max	0.2%	—	—	Pass
Aluminum cut wire shot	1100	99%	/	0.3% max	0.2% max	0.05% max	0.05% max	—	—	Pass

Chemical composition in %. Density and hardness are published against the A1070 row.

Commercial terms

Minimum Order Quantity	500 kg
Packaging Details	10 kg/bag, 100 bags/pallet
Delivery Time	3 days
Payment Terms	T/T
Supply Ability	500,000 kg/month

Aluminum Round Shot Conditioned

A1070 / A1050 / 5056 / 1100, 0.6 mm to 3.5 mm, 65-125 HV



SUKIE METAL ABRASIVE CO.,LTD

Place of Origin	China
Brand Name	SUKIE
Material	Aluminum
Usage	Shot blasting, shot peening, surface treatment
Abrasive Grain Sizes	0.6 mm to 3.5 mm
Size available	0.6 mm to 3.5 mm, other sizes can be customized
Grain shape	Conditioned, round

Aluminium round shot is the conditioned form of the same wire stock. The appearance is bright and the grain is rounded.

It applies in shot blasting treatment for aluminium, zinc or tenuous workpieces and gives the obvious white effect.

Chemical composition and specification

Product	Grade	Al	Mg	Si	Cu	Zn	Mn	Density	Hardness	Test
Aluminum cut wire	A1070	99.7%	/	0.2% max	0.04% max	0.04% max	0.03% max	2.7 g/cm ³	65-125 HV	Pass
Aluminum cut wire shot	A1050	99.5%	/	0.25% max	0.05%	0.05% max	0.05% max	—	—	Pass
Aluminum cut wire shot	5056	93-94%	4.5-5.6%	0.3% max	0.1%	0.1% max	0.2%	—	—	Pass
Aluminum cut wire shot	1100	99%	/	0.3% max	0.2% max	0.05% max	0.05% max	—	—	Pass

Chemical composition in %. Published by Sukie against the aluminium cut wire range.

Commercial terms

Minimum Order Quantity	500 kg
Packaging Details	25 kg/bag, 40 bags/pallet
Delivery Time	3 days
Payment Terms	T/T
Supply Ability	500,000 kg/month

Ordering

Send the substrate, the grain size or target finish, your monthly tonnage and the destination port. WhatsApp +86 158 6926 6303 or email sale@sukiemetal.com.