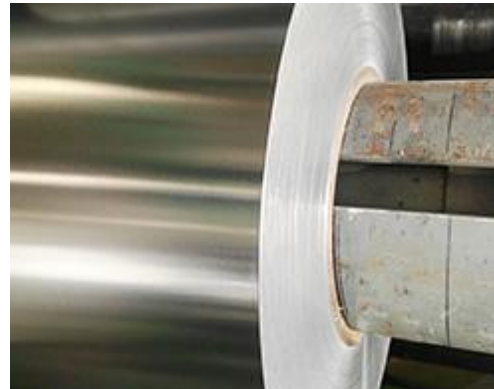


5052 Aluminum Coil

5052 Aluminum coil is an AL-Mg alloy, contains nominally 2.5% magnesium and 0.25% chromium, has good corrosion resistance, good weldability, good cold workability, medium strength, good material formability, suitable for various sheet metal processing such as stamping and bending, and good anodic oxidation. 5052 Aluminum coil has high strength, especially high fatigue resistance, high plasticity and corrosion resistance, good weldability, poor machinability, and can be polished.



Product Specification

Alloy	5052 Aluminum Coil
Temper	F, O, H12, H14, H16, H18, H22, H24, H26, H28, H32, H34, H36, H38, H111, H112, H114, etc.
Thickness(mm)	0.2-8.00
Width(mm)	100-2650
Length(mm)	C
ID	Ø505mm or customized
Surface	Mill finish surface, bright, polished surface, with blue PVC films or paper interleaved
Package	Eye to sky or Eye to wall
Certificate	DNV,ABS,CCS,BV



HENAN FLAIT ALUMINUM CO., LTD.

Flait Aluminum is committed to product R&D, production, sales and service.

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Application	Ships, automobiles, fuel tank, transportation equipment, etc.
Sample	Available

Chemical Composition													
Alloy	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Zr	Others		Al
5052	0.25	0.40	0.10	0.10	2.20 -2.80	0.15 -0.35	-	0.10	-	-	Single	Total	Remainder
											0.05	0.15	

Mechanical Properties				
Alloy&Temper	Tensile strength 25°C/Mpa	Yield strength 25°C/Mpa	Elongation (%)	Hardness HB
5052-H32	210-260	130	5	61

Physical Properties					
Alloy&Temper	Thermal expansion coefficient (20-100°C)μm/m•k	Melting point range (°C)	Conductivity 20°C (68°F) (%IACS)	Resistivity 20 (68°F) Ωmm ² /m	Density (20°C) (g/cm ³)
5052-H32	23.8	607-649	35	0.0493	2.73





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Features

1. 5052 Aluminum coil has strong plasticity, good corrosion resistance, good weldability and good cold working performance.
2. The surface of 5052 aluminum coil has no peeling, air bubbles, surface roughness and local mechanical damage.
3. 5052 Aluminum coil has good corrosion resistance, weldability, plasticity, and certain tensile strength, yield strength, elongation, impact resistance, and other properties.
4. 5052 aluminum coils can be processed by cold rolling, hot rolling and other methods to form products of different shapes and sizes.

Application

1. 5052 aluminum coils are mainly used in checkered plates, umbrella frames, special materials for transportation equipment, automotive fuel tanks, lighting, non-slip floors, etc.
2. 5052 Aluminum coil for automobiles: covers and parts, truck shock absorbers, side panels of semi-trailers, etc.
3. 5052 Aluminum coil for ships: ship construction, such as a deck, ship side, bottom plate, wheelhouse, porthole, mast, and so on.

The above mentioned aluminum product is produced according to national standard specifications. Please contact us for a free quote!

-----**THIS IS THE END**-----

