

No.	Type	Materia Mane
1	<b>Aluminum</b>	Aluminum 6061
2		Aluminum 2024
3		Aluminum 5052
4		Aluminum 6063
5		Aluminum 7050
6		Aluminum 7075
7		Aluminum - bronze
8		Aluminum - QC-10
9		Aluminum MIC-6
10	<b>Copper</b>	Copper 101
11		Copper 260 (Brass)
12		Copper C110
13		Copper C360 (Brass)
14		Copper C932 (Bronze)
15	<b>Stainless Steel</b>	Stainless Steel 15-5
16		Stainless Steel 17-4
17		Stainless Steel 18-8
18		Stainless Steel 303
19		Stainless Steel 304
20		Stainless Steel 316/316L
21		Stainless Steel 416
22		Stainless Steel 420
23		Stainless Steel 434
24		Stainless Steel 440C
25		Stainless Steel 630
26	<b>Steel</b>	Steel 1018
27		Steel 1215
28		Steel 4130
29		Steel 4140
30		Steel 4140PH
31		Steel 4340
32		Steel A36
33	<b>Titanium</b>	Titanium (Grade 2)
34		Titanium (Grade 5)
35	<b>Brass</b>	Brass C2680
36		Brass 260
37		Brass C360
38		Brass H59
39		Brass H62
40	<b>Magnesium</b>	AZ31B

## Plastic Materials

No.	Materials	Color
1	ABS	Natural/Black
2	Flame retardant ABS	Natural/Black
3	ABS+PC	Black
4	PA	Natural/Black
5	PC	Clear/Black
6	PP	White/Black
7	PE	White/Black
8	POM	White/Black
9	PPS	Natural/Black
10	PEEK	Natural/Black
11	PBT	Natural/Black
12	PET	Natural/White
13	PEI	Natural/Black
14	PAI	Tawny
15	PPSU	Black
16	PTFE	White
17	PMMA	Clear/Black

18	HDPE	Clear/Black
19	LDPE	White/Black
20	Bakelite	Yellow
21	Fiberglass Sheet	White

## Feature

Low density  
Good decoration  
Good thermal conductivity  
Good corrosion resistance  
High strength-to-density ratio

High ductility  
Good conductivity of heat and electricity

Recyclability  
High strength  
High Durability  
High corrosion resistance  
High temperature resistance  
Aesthetic Appearance

High strength  
High ductility  
Quality and speed  
High abrasive resistance

Low density; High strength  
High corrosion resistance

High durability  
Anti-Bacterial Property  
High electrical conductivity

High toughness

**Feature**

Environmental protection material; Corrosion resistance  
Good impact resistance; Good machinability

Good flexibility; Good impact resistance  
High impact strength; Flame resistance

Flame resistance; High heat resistance  
Good impact resistance

High impact strength; High weatherability  
Good machinability

Good dimension stabilizing; Good insulating property  
Good impact strength

High toughness; Low weight  
Brilliant Chemical resistance

Good insulating property; Good chemical stability  
Good low temperature performance

Good mechanical properties; Good wear resistance  
Easy to machine

Excellent thermal stability; Excellent electrical insulation properties  
Good chemical resistance; Good flame retardancy

Excellent corrosion resistance; Good ageing resistance  
High dimensional stability

High heat resistance; Good wear resistance  
Good impact strength; Excellent electrical insulation properties

High transparency  
Good flexibility

High temperature stability; Good flame retardant  
Excellent electrical insulation properties

Good dimension stabilizing; Excellent wear resistance  
Radiation Resistant

Excellent corrosion resistance ; High temperature resistance  
Good impact strength

Good wear resistance; Good heat resistance  
Resistance too moisture

Excellent transparency  
Excellent weather resistance

Good impact strength; Excellent wear resistance Excellent electrical insulation properties
Easy to machine; High strength Good flexibility
High temperature resistance High strength
Good moisture resistance Excellent electrical insulation properties