

## **Metal Material and Finishings**

Item	Material	Surface Treatment									
		Plastic Painting	Metallic Painting	Rubber oil Painting	UV oli Painting	Plating	Brushing	Polishing	Silk-screen	Sandblasting	Color Anodizing
1	Aluminum 2014	√	<b>√</b>	1	√		√	√	√	√	
2	Aluminum 2024	√	<b>√</b>	<b>√</b>	<b>√</b>		√	<b>√</b>	<b>√</b>	<b>V</b>	
3	Aluminum 5080	√	<b>√</b>	1	<b>√</b>		√	<b>√</b>	<b>√</b>	<b>V</b>	
4	Aluminum 5083	√	<b>√</b>	1	1		√	<b>√</b>	<b>√</b>	1	
5	Aluminum 6061	√	<b>V</b>	1	<b>√</b>		√	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
6	Aluminum 6063	√	<b>V</b>	<b>√</b>	<b>√</b>	√	√	√	√	<b>√</b>	√
7	Aluminum 6082	√	1	1	<b>√</b>		√	√	√	V	√
8	Aluminum 7075	√	1	1	<b>√</b>		√	√	1	V	
9	Mg	√	1	<b>√</b>	<b>√</b>			√	1	1	
10	Brass	√ /	1	<b>√</b>	<b>√</b>	√		√	V	1	
11	Red copper	1	V	<b>√</b>	<b>√</b>	√		√	1	<b>V</b>	
12	Bronze	V	<b>√</b>	<b>√</b>	<b>√</b>	√		√	1	√	
13	Stainless steel	1	√	<b>√</b>	<b>√</b>	√	√	√	V	√	
14	M303E	1	√	<b>V</b>	√			<b>√</b>	√	√	
15	A3 steel	1	√	1	√	√		<b>V</b>	√	√	
16	45# steel	<b>√</b>	√	1	√	√		1	√	√	
*All kinds for colorful paint, glossy&matte paint UV paint, metallic paint, rubber paint, power coat on the surface											



## **Nonmetal Material and Finishings**

Material	Surface Treatment									
	Plastic Painting	Metallic Painting	Rubber oil Painting	UV oli Painting	Plating	Brushing	Polishing	Silk-screen	Sandblasting	CA
ABS	<b>√</b>	<b>√</b>	1	1	<b>V</b>	√	√	√	√	
Black ABS	<b>√</b>	<b>√</b>	√ √	1	√	√	√	<b>√</b>	√	
94V0 Flame Retarding	<b>√</b>	<b>√</b>	<b>V</b>	<b>V</b>		√	√	<b>√</b>	1	
ABS+30%PC	<b>√</b>	√ ,	V	<b>V</b>			√	<b>√</b>	<b>A</b>	
NYLON6	<b>√</b>	√ ,	V	<b>V</b>				<b>√</b>	1	
NYLON66	<b>√</b>	1	1	<b>V</b>				√	V	
PA6GF30%	1	V	<b>√</b>	<b>V</b>				1	<b>V</b>	
Transparent PC	1	1	√	1			<b>√</b>	1	<b>V</b>	
Black PC	√	<b>√</b>	√	√			√	1	<b>V</b>	
PMMA(Transparent)	<b>√</b>	<b>√</b>	√	<b>V</b>			<b>V</b>	1	√	
POM(White/Black)	<b>√</b>	<b>√</b>	√	<b>V</b>				√	√	
PVC	V	<b>√</b>	√	<b>V</b>				1	√	
PP	1	<b>√</b>	√	<b>V</b>				<b>√</b>	√	
PP+20%GF	1	<b>√</b>	√	<b>V</b>				<b>√</b>	√	
PE	<b>√</b>	<b>√</b>	√	<b>V</b>				<b>√</b>	√	
HDPE	<b>√</b>	<b>√</b>	√	<b>V</b>				<b>√</b>	√	
TEFLON	<b>√</b>	<b>√</b>	√	√				√	√	
Carbon Fibre	<b>√</b>	<b>√</b>	√	<b>V</b>				<b>√</b>	√	
Fibreglass	<b>V</b>	√	√	<b>V</b>				√	√	
Bakelite Resin	<b>√</b>	<b>√</b>	√	<b>V</b>		)		<b>√</b>	√	
<b>Epoxy Tooling Board</b>	<b>V</b>	√	√	<b>V</b>				√	√	
PPS	<b>√</b>	<b>√</b>	√	<b>V</b>				<b>√</b>	√	
PEEK	<b>√</b>	<b>√</b>	√	V				<b>√</b>	√	
PPO/PPE	<b>√</b>	<b>√</b>	√	1				<b>√</b>	√	
PI	<b>√</b>	<b>√</b>	√ (	V				<b>√</b>	√	
PEI	<b>√</b>	√	1	V				√	√	
PBT	<b>√</b>	√	V	1				√	√	
PET	<b>√</b>	√	1	1				√	√	
PAI/PBI	<b>√</b>	√ ,	1	<b>V</b>				√	√	
PES/PSU	<b>√</b>	1	V	<b>V</b>				√	√	
	ABS Black ABS 94V0 Flame Retarding ABS+30%PC NYLON6 NYLON66 PA6GF30% Transparent PC Black PC PMMA(Transparent) POM(White/Black) PVC PP PP+20%GF PE HDPE TEFLON Carbon Fibre Fibreglass Bakelite Resin Epoxy Tooling Board PPS PEEK PPO/PPE PI PEI PBT PEI PAI/PBI PES/PSU	ABS Black ABS 94V0 Flame Retarding ABS+30%PC NYLON6 NYLON6 NYLON66 PA6GF30% Transparent PC Black PC PMMA(Transparent) POM(White/Black) PVC PP PP+20%GF PE HDPE TEFLON Carbon Fibre Fibreglass Bakelite Resin Epoxy Tooling Board PPS PEK PPO/PPE PI PBT PAI/PBI PET PAI/PBI PES/PSU	ABS Black ABS 94V0 Flame Retarding ABS+30%PC NYLON6 NYLON66 PA6GF30% Transparent PC Black PC PMMA(Transparent) PVC PP PP+20%GF PE HDPE TEFLON Carbon Fibre Fibreglass Bakelite Resin Epoxy Tooling Board PPS PEEK PPO/PPE PI PPT PPT PPT PPT PPT PPT PPT PPT PPT	Painting	Plastic   Painting   Painting	Plastic   Painting   Painting	ABS	Plastic   Painting   Painting	Plastic   Painting   Painting	ABS

Request Your Free 3D Printing Quote Today at info@idealrp.com