

Common Finishes for Metal Parts



A few points should be considered with your quality and engineering departments, in conjunction with your sales person when selecting a finish:

- Type of assembly: manual or automatic?
- Corrosion resistance: how many hours?
- Environment in which the assembly is located: saline or polluted atmosphere?
- Colors: Will the part be visible? What colors are available?

Note: Some finishes / coatings are not recommended on certain products due to part configurations.

Surface Treatments				Corrosion Resistance*	
SAP Code	Legacy Code	Color	Description	Red Rust	White Rust
1002	27		Plain Finish Oil Dip	None	None
3001	3B	Silver	Zinc Electroplate with Tri Clear Passivation	56	24
3026	415	Black	Zinc Nickel Electroplate with Black Passivation & Torque/Tension Sealer	960	240
3034	590	Silver	Zinc Nickel Electroplate with Tri Clear Passivation	480	240
3630	613	Grey	Mechanical Zinc with Tri Clear Passivation and Torque / Tension Sealer	240	96
3805	598	Grey	Mechanical Zinc with Tri Clear Passivation	120	48
4004	450	Grey	2 Coats Magni 511 (Zinc Phosphate Base)	480	120
4032	463	Black	1 Coat Magni 575 & 2 Coats Black (Zinc Phosphate Base)	1000	480
4072	360	Black	2 Coats Black Paint (Zinc Phosphate Base)	96	48
4073	67	Silver	2 Coats Aluminum Paint (Zinc Phosphate Base)	96	
4074	1	Olive Drab	2 Coats Olive Drab Paint (Zinc Phosphate Base)	96	
4078	440	Black	2 Coats Black Paint & Oil Dip (Zinc Phosphate Base)	168	72
5100	4	Grey/Black	Zinc Phosphate & Oil	72	None
6002	3963	Silver	2 Coats Geomet & 1 Coat Plus Topcoat	480	240
6003	4252	Black	2 Coats Geomet & 1 Coat Black Topcoat	480	
6004	3965	Silver	2 Coats Geomet & 1 Coat Plus ML Topcoat	720	240
6007	3252	Black	2 Coats Geomet & 2 Coats Black Paint	720	240
6200	576		Degrease	None	None

* For information only/According to Salt Spray test

* Depends on the geometry of the part

ARaymond 

MORE THAN FASTENING

Plastic Material Codes and Descriptions



ARaymond Tinnerman plastic parts are manufactured in various common polymers such as Nylon, Acetal, Polyethylene, Polypropylene, ABS and others.

- Most parts are available in white, natural, black and grey, but other colors can be produced as well.

Please contact us regarding specific material needs or specialty colors

Surface Treatments			
SAP Code	Legacy Code	Material	Description
0117	AE	ABS	ABS
5107; 5108	AG	Acetal	POM - General Purpose Copolymer
5003; 5106; 5556	AG	Acetal	POM - High Flow Copolymer
3110	AA	Nylon	PA46 Heat Stabilized
2532	AA	Nylon	PA66 Heat Stabilized
2136; 2532	AA	Nylon	PA66 Heat Stabilized Impact Modified
2134	AA	Nylon	PA66 Impact Modified UV Protection
2529	AA	Nylon	PA66/6 Heat Stabilized Impact Modified
1106	AC	Nylon - Glass Filled	PA6 Glass Filled - 13%
2127	AC	Nylon - Glass Filled	PA66 Glass Filled - 13%
2129	AC	Nylon - Glass Filled	PA66 Glass Filled - 43%
4103; 4128; 4130	AD	Polypropylene	Polypropylene
4129	AB	Polyethylene	Low Density Polyethylene

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