

Luster-On Trivalent Blue Bright Chromates

Chromate	Make-up	Protection	Chemistry	RoHS Compliant	Bakeable	Protection Loss	Zinc	Comments
Tri Blue 400T	1-2%	8–16 hrs.	No Nitric No Fluoride	Yes	No	---	Alkaline	Offers better blue over alkaline
Tri Blue 500	1-2%	8-16 hrs.	No Nitric No Fluoride	Yes	No	—	Alkaline	Surfactant system lowers surface tension and improves wetting action
Tri Blue 700	2%	16-30 hrs.	Nitric / Fluoride Based	Yes	No	—	Acid or Alkaline	Typically offers long operating lifetime
Tri Blue 800	1-2%	16-30 hrs	Nitric / Fluoride Based – Chelated	Yes	No	—	Acid or Alkaline	Chelated version of TB 700
Tri Blue 800 Plus	1–2 %	24–48 hrs.	Cobalt Enriched Tri Blue 800	Yes	No	—	Acid or Alkaline	Addition of cobalt kicks up the level of protection
Tri Blue 1000	3-5%	24–36 hrs.	No Nitric No Fluoride Chelated	Yes	Yes	30–60%	Acid or Alkaline	Can be baked and remain blue and still offer some corrosion protection
Tri Blue	5-10%	12-24 hrs.	Nitric / Fluoride Based	Yes	Yes	60-80%	Acid or Alkaline	Steady-state chemistry provides day to day uniformity
Tri Blue Plus	5-10%	12-24 hrs.	Nitric / Fluoride Based – Chelated	Yes	Yes	10-20%	Acid or Alkaline	Bakeable version of TriBlue

Definitions:

Protection – to 1st sign of White Corrosion

Protection Loss – Decrease in Salt Spray protection after baking

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www.luster-on.com