

## Kennametal Stellite Tribaloy® T-700 Nickel Alloy

Category : Metal , Nonferrous Metal , Nickel Alloy , Superalloy

### Material Notes:

Tribaloy T-700 has high corrosion and oxidation resistance. It does not contain cobalt and is a prime candidate for nuclear applications (replacing Co-Cr-W alloys). T-700 is not susceptible to radiation activation. Information provided by Kennametal Stellite®,ç

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Kennametal-Stellite-Tribaloy-T-700-Nickel-Alloy.php](http://www.lookpolymers.com/polymer_Kennametal-Stellite-Tribaloy-T-700-Nickel-Alloy.php)

| Mechanical Properties | Metric  | English | Comments |
|-----------------------|---------|---------|----------|
| Hardness, Rockwell C  | 45 - 52 | 45 - 52 |          |

| Component Elements Properties | Metric     | English    | Comments   |
|-------------------------------|------------|------------|------------|
| Carbon, C                     | <= 0.080 % | <= 0.080 % |            |
| Chromium, Cr                  | 16 %       | 16 %       |            |
| Cobalt, Co                    | <= 1.5 %   | <= 1.5 %   |            |
| Iron, Fe                      | <= 1.5 %   | <= 1.5 %   |            |
| Molybdenum, Mo                | 32 %       | 32 %       |            |
| Nickel, Ni                    | >= 44.52 % | >= 44.52 % | as balance |
| Other                         | <= 1.0 %   | <= 1.0 %   |            |
| Silicon, Si                   | 3.4 %      | 3.4 %      |            |

| Descriptive Properties | Value                  | Comments |
|------------------------|------------------------|----------|
| Application Technique  | HVOF & thermal spray   |          |
|                        | PTA & laser deposition |          |

## Contact Songhan Plastic Technology Co.,Ltd.

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