

## MetalTek MTEK 28-48WCo Heat Resistant Stainless Steel

Category : Metal , Ferrous Metal , Heat Resisting , Stainless Steel , Cast Stainless Steel

Material Notes:

Information provided by MetalTek

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_MetalTek-MTEK-28-48WCo-Heat-Resistant-Stainless-Steel.php](http://www.lookpolymers.com/polymer_MetalTek-MTEK-28-48WCo-Heat-Resistant-Stainless-Steel.php)

| Mechanical Properties      | Metric     | English      | Comments |
|----------------------------|------------|--------------|----------|
| Tensile Strength, Ultimate | >= 450 MPa | >= 65300 psi |          |
| Tensile Strength, Yield    | >= 240 MPa | >= 34800 psi |          |
| Elongation at Break        | >= 4.0 %   | >= 4.0 %     |          |

| Component Elements Properties | Metric        | English       | Comments   |
|-------------------------------|---------------|---------------|------------|
| Carbon, C                     | 0.45 - 0.50 % | 0.45 - 0.50 % |            |
| Chromium, Cr                  | 26 - 30 %     | 26 - 30 %     |            |
| Cobalt, Co                    | 2.5 - 4.0 %   | 2.5 - 4.0 %   |            |
| Iron, Fe                      | 5.5 - 19.05 % | 5.5 - 19.05 % | As Balance |
| Manganese, Mn                 | 1.0 - 2.0 %   | 1.0 - 2.0 %   |            |
| Nickel, Ni                    | 46 - 50 %     | 46 - 50 %     |            |
| Silicon, Si                   | 1.0 - 2.0 %   | 1.0 - 2.0 %   |            |
| Tungsten, W                   | 4.0 - 6.0 %   | 4.0 - 6.0 %   |            |

| Descriptive Properties | Value            | Comments |
|------------------------|------------------|----------|
| Heat Treatment         | Not Heat Treated |          |

## Contact Songhan Plastic Technology Co.,Ltd.

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