

MetalTek MTEK D Cast UNS N04019 Nickel-Copper Alloy

Category : Metal , Nonferrous Metal , Nickel Alloy

Material Notes:

Acid and alkaline resistant. Weldable grade Applications: Marine pumps, valves, seal housings, filter parts. Information provided by MetalTek

Order this product through the following link:

http://www.lookpolymers.com/polymer_MetalTek-MTEK-D-Cast-UNS-N04019-Nickel-Copper-Alloy.php

| Mechanical Properties | Metric | English | Comments |
|-----------------------|--------|---------|----------|
| Hardness, Brinell | >= 300 | >= 300 | |

| Component Elements Properties | Metric | English | Comments |
|-------------------------------|-------------|-------------|----------|
| Aluminum, Al | <= 0.50 % | <= 0.50 % | |
| Carbon, C | <= 0.25 % | <= 0.25 % | |
| Copper, Cu | 27 - 33 % | 27 - 33 % | |
| Iron, Fe | <= 3.5 % | <= 3.5 % | |
| Manganese, Mn | <= 1.5 % | <= 1.5 % | |
| Nickel, Ni | >= 60 % | >= 60 % | |
| Silicon, Si | 3.5 - 4.5 % | 3.5 - 4.5 % | |

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

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