

H.C. Starck Amperit® 529.074 Tungsten Carbide - Hastalloy C 85-15 (NiMoCrFeCo)

Category : Ceramic , Carbide

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_HC-Starck-Amperit-529074-Tungsten-Carbide-Hastalloy-C-85-15-NiMoCrFeCo.php

| Physical Properties | Metric | English | Comments |
|---------------------|------------------|----------------------------------|----------------|
| Density | 3.80 - 4.60 g/cc | 0.137 - 0.166 lb/in ³ | ASTM B212 |
| Particle Size | 17 - 21 µm | 17 - 21 µm | 10% |
| | 31 - 39 µm | 31 - 39 µm | 50% |
| | 53 - 63 µm | 53 - 63 µm | 90% |
| | 88 µm | 88 µm | 100% less than |
| | | | |

| Component Elements Properties | Metric | English | Comments |
|-------------------------------|---------------|---------------|----------|
| Carbon, C | 5.0 - 6.0 % | 5.0 - 6.0 % | |
| Chromium, Cr | 2.0 - 3.5 % | 2.0 - 3.5 % | |
| Cobalt, Co | 0.30 - 0.60 % | 0.30 - 0.60 % | |
| Iron, Fe | 0.80 - 1.5 % | 0.80 - 1.5 % | |
| Molybdenum, Mo | 2.0 - 3.5 % | 2.0 - 3.5 % | |
| Nickel, Ni | 8.0 - 12 % | 8.0 - 12 % | |
| Oxygen, O | <= 0.20 % | <= 0.20 % | |

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