

## H.C. Starck Amperit® 527.088 Agglomerated, Sintered Tungsten Carbide-Cobalt (WC-Co) 83-17

Category : Ceramic , Carbide

Material Notes:

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_HC-Starck-Amperit-527088-Agglomerated-Sintered-Tungsten-Carbide-Cobalt-WC-Co-83-17.php](http://www.lookpolymers.com/polymer_HC-Starck-Amperit-527088-Agglomerated-Sintered-Tungsten-Carbide-Cobalt-WC-Co-83-17.php)

| Physical Properties | Metric     | English                  | Comments       |
|---------------------|------------|--------------------------|----------------|
| Density             | 5.00 g/cc  | 0.181 lb/in <sup>3</sup> | ASTM B212      |
| Particle Size       | 22 - 26 µm | 22 - 26 µm               | 10%            |
|                     | 37 - 45 µm | 37 - 45 µm               | 50%            |
|                     | 65 - 75 µm | 65 - 75 µm               | 90%            |
|                     | 125 µm     | 125 µm                   | 100% less than |

| Component Elements Properties | Metric        | English       | Comments |
|-------------------------------|---------------|---------------|----------|
| Carbon, C                     | 4.9 - 5.3 %   | 4.9 - 5.3 %   |          |
| Cobalt, Co                    | 15 - 18 %     | 15 - 18 %     |          |
| Iron, Fe                      | <= 0.20 %     | <= 0.20 %     |          |
| Tungsten, W                   | 76.5 - 80.1 % | 76.5 - 80.1 % |          |

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