

## Technical Data Sheet



### **420 Aluminum Powder**

420 Aluminum Powder provides limited protection from ultraviolet light in areas that will not be protected with other coatings. Can be used as a base for subsequent painting. 420 will increase the hardness and abrasion resistance of the coated surface and improve its moisture resistance. Cures to a metallic gray color. Add to mixed resin/hardener at the rate of 5 to 10% by volume (approximately 6 oz. per B group).

#### **Composition:**

Aluminum (Al)	99.5% Min.
Silicon (Si)	0.20% Max.
Iron (Fe)	0.40% Max.

#### **Particle Size:**

+100 Mesh	3.0% Max.
+200 Mesh	0.5% Max.
-325 Mesh	65% - 94%
Average Particle Diameter	50 - 60 microns

#### **Physical Properties:**

Apparent Density	0.95 - 1.10 g/cm <sup>3</sup>
Surface Area	0.15 - 0.25 m <sup>2</sup> /g