

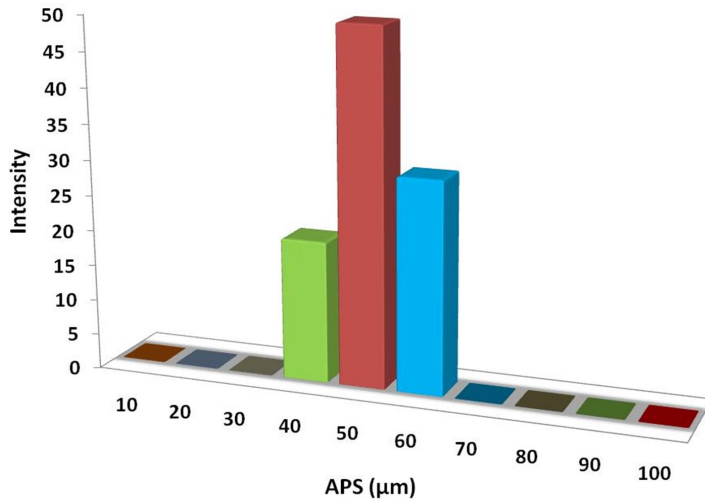
## Specification Sheet

Yttrium Aluminium Garnet | YAG Powder  
(Y<sub>3</sub>Al<sub>5</sub>O<sub>12</sub>, Purity: 99.5+%, APS: 40-60µm)  
Stock No: NS6130-12-001634, CAS: 12005-21-9

|                              |   |  |
|------------------------------|---|--|
| <b>Product</b>               | : | <b>YAG Powder   Yttrium<br/>Aluminium Garnet</b> |
| Stock No                     | : | NS6130-12-001634                                 |
| CAS                          | : | 12005-21-9                                       |
| Purity                       | : | 99.5+%   |
| APS                          | : | 40-60µm  |
| Molecular Formula            | : | Y <sub>3</sub> Al <sub>5</sub> O <sub>12</sub>   |
| Molecular Weight             | : | 593.62g/mol                                      |
| Form                         | : | Powder   |
| Density                      | : | 4356g/cm <sup>3</sup>                            |
| Melting Point                | : | 1760°C   |
| Solubility                   | : | Insoluble in water                               |
| <b>Main Inspect Verifier</b> | : | <b>Manager QC</b>                                |

**Note:** Product Specification are subject to amendment and may change over time

## Characterization of Yttrium Aluminium Garnet | YAG Powder



## Particles Size Analysis - YAG Powder

