

# Basic Materials for Ceramics

*(Extract from our Product Range)*



## **ChemPur Feinchemikalien und Forschungsbedarf GmbH**

Rüppurrer Str. 92  
76137 Karlsruhe  
Tel 0721 / 9338140  
Fax 0721 / 472001  
info@chempur.de  
www.chempur.de



| Product-No. | Product Name                              | Description                                                                                     | CAS-No.      |
|-------------|-------------------------------------------|-------------------------------------------------------------------------------------------------|--------------|
| 009001      | Aluminium Powder < 1000 micron/ 98.5%     |                                                                                                 | [7429-90-5]  |
| 009000      | Aluminium Powder < 250 micron/ 98.5%      |                                                                                                 | [7429-90-5]  |
| 903051      | Aluminium Powder -100 mesh/ 99.8%         |                                                                                                 | [7429-90-5]  |
| 009002      | Aluminium Powder -100, +325 mesh/ 99.97%  |                                                                                                 | [7429-90-5]  |
| 009002      | Aluminium Powder -100, +325 mesh/ 99.97%  |                                                                                                 | [7429-90-5]  |
| 900791      | Aluminium Granules 2-10 mm/ 99.99%        |                                                                                                 | [7429-90-5]  |
| 000177      | Aluminium nitride/ 99%                    | AlN/ F.W. 40.99/ powder                                                                         | [24304-00-5] |
| 903563      | Aluminium oxide Rod 10 mm diameter/ 99.5% | Al <sub>2</sub> O <sub>3</sub> / F.W. 101.96                                                    | [1344-28-1]  |
| 903491      | Aluminium oxide/ 98+%                     | Al <sub>2</sub> O <sub>3</sub> / F.W. 101.96/ powder 140-190m <sup>2</sup> g(BET)/ mainly gamma | [1344-28-1]  |
| 000181      | Aluminium oxide/ 99.7%                    | Al <sub>2</sub> O <sub>3</sub> / F.W. 101.96/ powder 10 micron                                  | [1344-28-1]  |
| 000182      | Aluminium oxide/ 99.99%                   | Al <sub>2</sub> O <sub>3</sub> / F.W. 101.96/ powder                                            | [1344-28-1]  |
| 903081      | Aluminium oxide/ 99.99%                   | alpha-Al <sub>2</sub> O <sub>3</sub> / F.W. 101.96/ pieces 1-2.5 mm from Saphir                 | [1344-28-1]  |
| 900857      | Aluminium oxide/ 99.999%                  | Al <sub>2</sub> O <sub>3</sub> / F.W. 101.96/ powder -40 mesh/ mostly alpha                     | [1344-28-1]  |
| 901112      | Aluminium titanate/ 99+%                  | Al <sub>2</sub> TiO <sub>5</sub> / F.W. 181.84/ powder-100 mesh                                 | [12004-39-6] |
| 000517      | Barium titanate/ 99%                      | BaTiO <sub>3</sub> / F.W. 233.24/ powder -325 mesh                                              | [12047-27-7] |
| 900836      | Barium titanate/ 99.9%                    | BaTiO <sub>3</sub> / F.W. 233.24/ powder -325 mesh/ Sr < 1000 ppm                               | [12047-27-7] |
| 902471      | Barium titanate/ 99.9%                    | BaTiO <sub>3</sub> / F.W. 233.24/ pieces 3-12 mm for evaporation                                | [12047-27-7] |
| 000518      | Barium titanate/ 99.99%                   | BaTiO <sub>3</sub> / F.W. 233.24                                                                | [12047-27-7] |
| 000660      | Beryllium oxide/ 98+%                     | BeO/ F.W. 25.01                                                                                 | [1304-56-9]  |
| 000661      | Beryllium oxide/ 99.98%                   | BeO/ F.W. 25.01                                                                                 | [1304-56-9]  |

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|-------------|-----------------------------------------|---------------------------------------------------|--------------|
| 000762      | Boron carbide                           | B <sub>4</sub> C/ F.W. 55.26/ powder/ m.p. 2350   | [12069-32-8] |
| 000765      | Boron nitride                           | BN/ F.W. 24.82/ powder                            | [10043-11-5] |
| 000766      | Boron nitride, rod                      | BN/ F.W. 24.82/ 10 mm diameter                    | [10043-11-5] |
| 009539      | Chromium Powder < 160 micron/ 99+%      |                                                   | [7440-47-3]  |
| 009547      | Chromium Powder < 500 micron/ 99.9%     |                                                   | [7440-47-3]  |
| 009540      | Chromium Powder -100, +325 mesh/ 99.99% |                                                   | [7440-47-3]  |
| 900040      | Gold Powder < 1 micron/ 99.9+%          |                                                   | [7440-57-5]  |
| 009150      | Gold Powder 0.3-3 micron/ 99.9+%        |                                                   | [7440-57-5]  |
| 009151      | Gold Powder 1.5-4 micron/ 99.9+%        |                                                   | [7440-57-5]  |
| 004002      | Hafnium carbide/ 99+%                   | HfC/ F.W. 190.54/ fine powder                     | [12069-85-1] |
| 005019      | Magnesium oxide/ 98+%                   | MgO/ F.W. 40.30/ powder heavy                     | [1309-48-4]  |
| 903038      | Magnesium oxide/ 99.9%                  | MgO/ F.W. 40.30/ tablets dia 10 x 3 mm            | [1309-48-4]  |
| 005020      | Magnesium oxide/ 99.99%                 | MgO/ F.W. 40.30                                   | [1309-48-4]  |
| 005569      | Molybdenum silicide/ 99.5%              | MoSi <sub>2</sub> / F.W. 152.13/ powder -325 mesh | [12136-78-6] |
| 006431      | Platinum black 10-20 m <sup>2</sup> /g  |                                                   | [7440-06-4]  |
| 902287      | Platinum black 20-40 m <sup>2</sup> /g  |                                                   | [7440-06-4]  |
| 009328      | Platinum Powder < 60 micron/ 99.9%      |                                                   | [7440-06-4]  |
| 009329      | Platinum Powder 0.2-1.8 micron/ 99.95+% |                                                   | [7440-06-4]  |
| 900493      | Platinum Sponge/ 99.9%                  |                                                   | [7440-06-4]  |
| 009359      | Rhenium Powder < 10 micron/ 99.99%      |                                                   | [7440-15-5]  |

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|-------------|-----------------------------------------------------------------------|-----------------------------------------------------------------------|--------------|
| 009358      | Rhenium Powder < 10 micron/ 99+%                                      |                                                                       | [7440-15-5]  |
| 009383      | Silicon Powder < 160 micron/ 98.5+%                                   |                                                                       | [7440-21-3]  |
| 903036      | Silicon Powder -100, +325 mesh, amorphous/ 99.999%                    |                                                                       | [7440-21-3]  |
| 006957      | Silicon(IV) carbide/ 98.8%                                            | SiC/ F.W. 40.10/ powder                                               | [409-21-2]   |
| 006960      | Silicon(IV) nitride                                                   | Si <sub>3</sub> N <sub>4</sub> / F.W. 140.28/ powder/ mainly a-phase  | [12033-89-5] |
| 900082      | Silver Gauze 1024 mesh/cm <sup>2</sup> , 0.12 mm wire diameter/ 99.9% | (ca. 8 g/100 x 100 mm)                                                | [7440-22-4]  |
| 900934      | Silver Granules 2-8 mm/ 99.9+%                                        |                                                                       | [7440-22-4]  |
| 009388      | Silver Powder 0.7-1.2 micron/ 99.9%                                   |                                                                       | [7440-22-4]  |
| 009389      | Silver Powder 1.5-2.5 micron/ 99.9%                                   |                                                                       | [7440-22-4]  |
| 902659      | Silver Sponge/ 99.999%                                                |                                                                       | [7440-22-4]  |
| 900814      | Silver Wool 0.05 mm wire thickness/ 99.9%                             |                                                                       | [7440-22-4]  |
| 007203      | Tantalum carbide                                                      | TaC/ F.W. 192.96/ powder                                              | [12070-06-3] |
| 007539      | Titanium nitride/ 99%                                                 | TiN/ F.W. 61.91/ powder < 10 micron                                   | [25583-20-4] |
| 007540      | Titanium(II) oxide/ 99.5%                                             | TiO/ F.W. 63.90/ powder-325 mesh                                      | [12137-20-1] |
| 903096      | Titanium(II) oxide/ 99.9%                                             | TiO/ F.W. 63.90/ pieces < 6 mm for evaporation                        | [12137-20-1] |
| 903773      | Titanium(III) oxide                                                   | Ti <sub>2</sub> O <sub>3</sub> / F.W. 143.80/ tablets for evaporation | [1344-54-3]  |
| 007541      | Titanium(III) oxide/ 99.8%                                            | Ti <sub>2</sub> O <sub>3</sub> / F.W. 143.80/ powder-325 mesh         | [1344-54-3]  |
| 007542      | Titanium(IV) oxide/ 99.5%                                             | TiO <sub>2</sub> / F.W. 79.90/ powder < 45 micron                     | [13463-67-7] |
| 903097      | Titanium(IV) oxide/ 99.9%                                             | TiO <sub>2</sub> / F.W. 79.90/ pieces < 6 mm for evaporation / grey   | [13463-67-7] |
| 007543      | Titanium(IV) oxide/ 99.998%                                           | TiO <sub>2</sub> / F.W. 79.90/ powder-100 mesh/ rutile                | [13463-67-7] |

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|-------------|--------------------------------------|---------------------------------------------------------|--------------|
| 903225      | Titanium(IV) oxide/ 99.999%          | TiO <sub>2</sub> / F.W. 79.90/ powder/ anatase + rutile | [13463-67-7] |
| 007887      | Tungsten carbide <1 micron           | WC/ F.W. 195.86/ powder                                 | [12070-12-1] |
| 008417      | Zinc oxide/ 99.9%                    | ZnO/ F.W. 81.37/ powder                                 | [1314-13-2]  |
| 008418      | Zinc oxide/ 99.999%                  | ZnO/ F.W. 81.37/ powder                                 | [1314-13-2]  |
| 008416      | Zinc oxide/ 99+%                     | ZnO/ F.W. 81.37/ powder                                 | [1314-13-2]  |
| 008435      | Zirconium carbide                    | ZrC/ F.W. 103.23/ powder                                | [12070-14-3] |
| 008446      | Zirconium(IV) oxide 5 micron/ 99%    | ZrO <sub>2</sub> / F.W. 123.22/ powder                  | [1314-23-4]  |
| 008447      | Zirconium(IV) oxide 5 micron/ 99.9%  | ZrO <sub>2</sub> / F.W. 123.22/ powder                  | [1314-23-4]  |
| 901866      | Zirconium(IV) oxide 5 micron/ 99.9+% | ZrO <sub>2</sub> / F.W. 123.22/ white powder            | [1314-23-4]  |
| 008448      | Zirconium(IV) oxide/ 99.995%         | ZrO <sub>2</sub> / F.W. 123.22/ powder -325 mesh        | [1314-23-4]  |

