



# GNP Graystar

Specialty Materials

## TECHNICAL DATA SHEET

### Fused Magnesia-Stabilized Zirconia

#### Typical Chemistry & Properties

	GNPMD-a	GNPMD-b
% ZrO <sub>2</sub> min.	95	94
% MgO	3-4	3-4
% Al <sub>2</sub> O <sub>3</sub> max.	0.1	0.4
% SiO <sub>2</sub> max.	0.2	0.4
% Fe <sub>2</sub> O <sub>3</sub> max	0.1	0.1
% TiO <sub>2</sub> max.	0.21	0.2
Color	Yellow	Yellow
Stabilization	70-85	50-70
Density (g/cm <sup>3</sup> )	5.7 min.	5.6 min.

\* Particle Size can be customized for all the above products.

#### Description:

GNP Graystar's Fused Magnesia-Stabilized Zirconia is produced by electro-fusion of high purity zirconia and magnesia.

#### Applications:

GNP Graystar's Fused Magnesia-Stabilized Zirconia is used in various ceramic applications such as refractory setters for the electro-ceramic industry, zirconia furnace furniture, structural ceramics, sizing nozzles, and more.

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