



GNP Graystar

Specialty Materials

TECHNICAL DATA SHEET

Fused Yttrium Oxide

Typical Chemistry

Yttrium Oxide (Y ₂ O ₃)	≥ 99.5 %
Silicon Dioxide (SiO ₂)	≤ 0.02 %
Aluminum Oxide (Al ₂ O ₃)	≤ 0.01 %
Iron Oxide (Fe ₂ O ₃)	≤ 0.01 %
Titanium Dioxide (TiO ₂)	≤ 0.01 %

Typical Sizing

True Density:	5.05 g/cm ³
Melting Point:	2410°C

Available Sizing:

- Sizes available per customer's requirement.

Description:

GNP Graystar's Fused Yttrium Oxide is a new product developed with special technology using yttrium raw material. It has the following characteristics: high purity, large crystal size, high temperature resistance, good thermal conductivity, and strong impermeability.

Applications:

GNP Graystar's Fused Yttrium Oxide is typically used in the titanium casting and specialty ceramics industries.

info@GNPGraystar.com

Rev. 02/2020

Northern Office
37 John Glenn Dr.
Amherst, NY 14228
716.759.6600

www.GNPGraystar.com

Southern Office
9 Simmonsville Rd.
Bluffton, SC 29910
843.815.5600