

TECHNICAL INFORMATION

MAGSHIELD UFNB10

Ultra-fine Grade
Magnesium Hydroxide
for
Flame-retardant Applications

DESCRIPTION: MAGSHIELD UFNB10 magnesium hydroxide has a typical median particle size under 1 micron and is designed for critical applications such as flame-retarded wire and cable insulating compounds.

MAGSHIELD UFNB10 is treated with 1% sodium stearate for ease of processing.

PHYSICAL PROPERTIES (Typical)

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|---|------|
| *Magnesium Hydroxide (Mg (OH) ₂), % | 98.7 |
| *Loss on Drying, % | 0.4 |
| *Loss on Ignition, % | 30.9 |
| *Median Particle Size, microns | 0.9 |
| *Surface Area, m ² /g | 12 |
| *Specific Gravity | 2.36 |
| *Loose Bulk Density, g/ml | 0.40 |
| *Mohs Hardness | 2.50 |
| *Hunter Color | 96 |

*Actual data will be reported on Certificate of Analysis.

PACKAGING: 55-lb. (25-kg) multi-walled, polyethylene-lined bags stretch wrapped on 2200 lb. (1 metric ton) pallets or bulk bags.

STORAGE: Store in a dry location.

8/05