

**Advanced Materials****DT 082****HIGH DENSITY FILLER****DESCRIPTION :**

DT 082 is a free-flowing filler powder suitable for use with epoxy and polyurethane compositions. DT 082 is a highly specialized grade of aluminum oxide trihydrate with an easy-to-disperse particle size distribution. A very low fine content allows high addition levels with less viscosity buildup than commercial grades of aluminum oxide trihydrate.

**APPLICATIONS :**

Used as an extender for thermosetting compounds. Also useful to reduce flammability\* and coefficient of thermal expansion.

**MIXING INSTRUCTIONS :**

Blending can be accomplished by either hand or machine mixing.

**TYPICAL MIXED PROPERTIES :**

User should thoroughly test compositions of resins and DT 082 for suitability. While some properties may be enhanced, others may not.

**TYPICAL CURED PROPERTIES :**

Property	ASTM Test Method	Test Values
Bulk density	--	1.3 to 1.4
Cubic inch per lb.	D-792	20-21
Color	Visual	White

**SHELF LIFE :**

Provided material is stored under dry conditions in their original containers, they will remain useable for one year from date of shipping

**PACKAGING :**

This product is available in the following package size(s): 33 pound bags  
Please call Customer Service (800-367-8793) for price and availability.

\*The user must test compositions according to accepted test methods to indicate specific flammability ratings.

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**SAFETY/HANDLING PRECAUTIONS :**

Do not use or handle this product until the Material Safety Data Sheet has been read and understood

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**CAUTION !**

- Avoid dusty conditions. Use with adequate ventilation.
- Avoid breathing dust.
- In accord with good industrial practice, handle with due care.
- Avoid contact with eyes, skin, and clothing.
- Wash thoroughly after handling.

**FIRST AID :**

In case of contact

**Skin :** Immediately wash with soap and water. Remove contaminated clothing and launder before reuse.

**Eyes :** Immediately flush with water for at least 15 minutes. Call a physician.

**Ingestion :** If conscious, give plenty of water to drink. Do not induce vomiting. Call a physician.

**Inhalation :** Remove to fresh air. Administer oxygen or artificial respiration if necessary. Call a physician.

**Other :** Referral to physician is recommended if there is any question about the seriousness of any injury.

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