

## Technical Data

**PureBlast™****Blast Media Grade Sodium Bicarbonate**

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|----------------|--------------------|
| <b>Formula</b> | NaHCO <sub>3</sub> |
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|-------------------------|-------|
| <b>Molecular Weight</b> | 84.01 |
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**Chemical Abstract Services**

|        |                               |
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| Name   | Carbonic Acid Monosodium Salt |
| Number | 144-55-8                      |

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**Particle Size Distribution**

| Screen Size      | Cumulative % Retained |         |
|------------------|-----------------------|---------|
|                  | Minimum               | Maximum |
| USS 100 (150 μm) | 85                    | 100     |

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**General Properties**

|   |   |
|---|---|
| Typical bulk density, lb/ft <sup>3</sup> (kg/m <sup>3</sup> ) | 66 (1058)   |
| Particle density, g/cm <sup>3</sup>                           | 2.22  |
| pH of 1% solution @ 25°C (77°F)                               | 8.3   |
| Appearance  | White crystalline powder  |
| Thermal decomposition   | Decomposes (without melting) into Na <sub>2</sub> CO <sub>3</sub> , H <sub>2</sub> O, and CO <sub>2</sub> |

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**Chemical Specifications**

|                   | Specification  |
|-------------------|----------------|
| Assay (dry basis) | 99.0% - 100.5% |
| Loss on drying    | 0.25% max      |

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|----------------------------|----------|
| <b>Standard Containers</b> | 50# Bags |
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