
Technical Data

PureBlast™
Blast Media Grade Sodium Bicarbonate

Formula NaHCO₃

Molecular Weight 84.01

Chemical Abstract Services

Name Carbonic Acid Monosodium Salt
Number 144-55-8

Particle Size Distribution

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

General Properties

Typical bulk density, lb/ft³ (kg/m³) 66 (1058)
Particle density, g/cm³ 2.22
pH of 1% solution @ 25°C (77°F) 8.3
Appearance White crystalline powder
Thermal decomposition Decomposes (without melting) into Na₂CO₃, H₂O, and CO₂

Chemical Specifications

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

Standard Containers 50# Bags

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Genesis Alkali, LLC

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1735 Market Street Philadelphia Pennsylvania 19103