

Technical Data

PureBlast™
Blast Media Grade Sodium Bicarbonate

Formula	NaHCO ₃	
Molecular Weight	84.01	
Chemical Abstract Services		
Name	Carbonic Acid Monosodium Salt	
Number	144-55-8	
Particle Size Distribution		
	Cumulative % Retained	
	Minimum	Maximum
Screen Size		
USS 100 (150 μm)	85	100
General Properties		
Typical bulk density, lb/ft ³ (kg/m ³)	66 (1058)	
Particle density, g/cm ³	2.22	
pH of 1% solution @ 25°C (77°F)	8.3	
Appearance	White crystalline powder	
Thermal decomposition	Decomposes (without melting) into Na ₂ CO ₃ , H ₂ O, and CO ₂	
Chemical Specifications		
	Specification	
Assay (dry basis)	99.0% - 100.5%	
Loss on drying	0.25% max	
Standard Containers	50# Bags	

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