

CARBOSAND

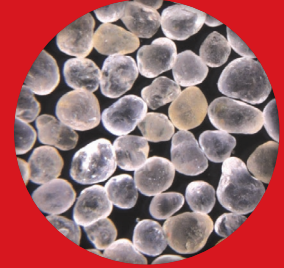
High-performance core and molding sand for metalcasting

Features

- Pure Northern White silica
- Highest strength silica available
- Superior quartz structure
- Uniform shape and particle size

Benefits

- Low in alkaline oxides
- Low surface area
- Reduces resins and catalyst
- Broad range of sieve sizes available



Physical properties

Typical sieve analysis (weight % retained)

U.S. Mesh (mesh)	30 GFN	40 GFN	50 GFN	60 GFN	80 GFN
30	3.5	3.9	1.30		
40	85.8	32.9	18.11	5.15	0.08
50	10.5	43.7	28.51	28.56	0.33
70	0.2	18.2	27.93	28.11	18.79
100		1.1	19.95	27.01	56.73
140			3.97	9.84	20.05
200			0.23	1.24	3.84
AFS GFN	30	38	49	57	75

Typical additional properties

Typical additional properties		Test method
Grain shape	Rounded	Visual
Hardness (Mohs)	7.0	Mohs scale
Moisture content (%)	<0.1	ASTM C-566
Specific gravity (g/cm ³)	2.65	ASTM C-128
Bulk density, loose (lb/ft ³)	92-95	ASTM C-29
Bulk density, compacted (lb/ft ³)	98-100	ASTM C-29
% Clay	0.11%	AFS 2110-04-S
ADV	1	AFS 1114-00-S
PH	7	AFS 5113-00-S
LOI	0.08	AFS 5100-12-S

Chemical analysis (weight %)*

SiO ₂	99.8
Fe ₂ O ₃	0.00-0.10
Al ₂ O ₃	0.00-0.15
CaO	0.00-0.05
TiO ₂	0.00-0.05
MgO	0.00-0.05
K ₂ O	0.00-0.10
Na ₂ O	0.00-0.05

*These values do not represent a specification

Ordering information:

- Shipping point: Marshfield, WI
- Originating rail carrier: Canadian National Railroad
- Availability:
 - Bulk truck and rail
 - Bulk bags
 - 50 lb bags
 - 50 lb pails
 - Please ask about custom packaging

Talk to CARBO to find out how we can help you.

Customer service: +1 800 551 3247
carboindustrial.com