

TECHNICAL DATA SHEET

0.25

% max

TIMREX® BNB90 TIMCAL Graphite

Expanded Graphite

General Characteristics

Formula: Carbon

Aspect: Fine black powder CAS number: 7782-42-5

<u>Standard Packaging</u> 8 kg paper bags, 48 bags on one pallet (384 kg) 160 kg big bag, 2 big bag on one pallet (320 kg) 192 kg big bag, 1 big bag on one pallet (192 kg)

Guaranteed Values

Ash

D90 (Laser Diffraction)	100	μm max
Typical Values		
Purity		
Ash	0.14	%
Moisture	0.5	%
Al	10	ppm
As	<0.5	ppm
Ca	250	ppm
Co	<1	ppm
Cr	10	ppm
Cu	<1	ppm
Fe	100	ppm
Mo	2	ppm
Ni	8	ppm
Pb	<1	ppm
Sb	<2	ppm
Si	100	ppm
Ti	5	ppm
V	2	ppm
S	1000	ppm
Crystallinity		
Lc	35	nm
c/2	0.3359	nm
Density		
Scott	0.03	g/cm ³
Xylene	2.24	g/cm ³
Specific Surface Area		0
BET	28.4	m²/g
Particle Size Distribution		
Laser Diffraction		
D10	10.0	μm
D50	36.1	μm
D90	85.2	μm

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