



THERMAX®*

MEDIUM THERMAL CARBON BLACK

Specifications

Parameter	ASTM Test Method**	Thermax® N990	Thermax® N991 Powder
Sieve Residue	D1514		
325 Mesh % (ppm) max.		0.0015 (15)	0.0250 (250)
Magnetics on 325 Mesh % (ppm) max.		0.0005 (5)	0.0005 (5)
Nitrogen Surface Area, m ² /g	D6556	7.0 - 12.0	7.0 - 12.0
Oil Absorption Number (OAN) cm ³ /100g max.	D2414	44.0	44.0
Ash Content % max.	D1506	0.20	0.20
pH	D1512	9.0 - 11.0	9.0 - 11.0
Toluene Extract % max.		0.50	0.50
Heat Loss % max.	D1509	0.1	0.1
Fines Content (as shipped) % max.	D1508	8.0	-
Pellet Hardness grams (14 x 18 mesh)	D5230		
average, max.		30	-
high (average of 3 highest), max.		50	-

* For a complete list of the countries where THERMAX® and CANCARB® are registered trademarks go to www.cancarb.com/trademarks

** Tests are performed generally in accordance with ASTM.

Applications

RUBBER GOODS

Belts
Diaphragms
Expansion Joints
Gaskets
Hose
Moldings
Engine Mounts
O-Rings
Profiles
Rollers
Seals
Sealants
Sponge
Tires
Tubing
Wiper Blades

METALLURGY

Boron Carbide
Metallurgical
Reducing Agent
Solar Grade Silicon
Tantalum Carbide
Titanium Carbide
Tungsten Carbide
Vanadium Carbide
PLASTICS
Colorants
Heat Shrinkable
Connectors
Wire and Cable
Insulation Jacket

REFRACTORIES

Castables
Refractory Bricks
Tap Hole Clay
Slide Gates
SPECIALTIES
Adhesives
Advanced Ceramics
Aircraft Brakes
Audio/Video
Magnetic Tape
Carbon Brushes
and Electrodes
Carbon Composites
Concrete Colorant
Carbon Seals
Glass Production
High Temperature
Insulation

The THERMAX® Guarantee

Committed to responsible development, Cancarb's management process is certified to ISO9001, ISO14001, and OHSAS18001.

The Thermax® product line includes standard grades N990 and N991, as well as specialty grades N907 and N908 (Stainless), N990UP (Ultra Pure), N991UP, and N908UP.

All grades of Thermax® are manufactured under strictly controlled conditions from high quality, commercial grade natural gas. As a result, manufacturers using Thermax® are assured of the overall consistency of the product.

1702 Brier Park Crescent N.W.
Medicine Hat, Alberta T1C 1T9
Canada

Telephone 1.403.527.1121
Fax: 1.403.529.6093
Website www.cancarb.com