cancarb

TOKAI CARBON GROUP

THERMAX®* ULTRA PURE

MEDIUM THERMAL CARBON BLACK

Specifications

Parameter	ASTM Test Method**	Thermax® N990 Ultra Pure	Thermax® N991 Powder Ultra Pure	Thermax® N908 Stainless Powder Ultra Pure
Sieve Residue	D1514			
325 Mesh % (ppm) max.		0.0015 (15)	0.0050 (50)	0.0050 (50)
Magnetics on 325 Mesh % (ppm) max.		0.0005 (5)	0.0005 (5)	0.0005 (5)
Nitrogen Surface Area, m^2/g	D6556	7.0 - 12.0	7.0 - 12.0	7.0 - 12.0
Oil Absorption Number (OAN) $cm^3/100g$ max.	D2414	44.0	44.0	44.0
Ash Content % max.	D1506	0.02	0.02	0.02
pH	D1512	4.0 - 8.0	4.0 - 8.0	4.0 - 8.0
Toluene Extract % max.		0.50	0.50	0.15
Heat Loss % max.	D1509	0.1	0.1	0.1
Total Sulphur % (ppm) max.	D5453	0.006 (60)	0.006 (60)	0.006 (60)
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
Condenser Packings
Disk Drive Gaskets
Silicone Colorant
Specialty MRG's

METALLURGY
Metal Carbides
Reducing Agent

SPECIALTIES
Advanced Ceramics
Composites
High Temperature Insulation
Solar Grade Silicon
High Purity Silicon Carbide

The THERMAX® Guarantee

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

The Thermax® product line includes standard grades N990 and N991, as well as specialty grades N907(Stainless) and N908, N990UP(Ultra Pure), N991UP, N908UP, N990CG (Low PAH), and Carbocolor®.

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.

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