



THERMAX® N990CG

LOW PAH MEDIUM THERMAL CARBON BLACK

Specifications

Parameter	ASTM Test Method**	Thermax® N990CG
Sieve Residue	D1514	
325 Mesh % (ppm) max.		0.0015 (15)
Magnetics on 325 Mesh % (ppm) max.		0.0005 (5)
Nitrogen Surface Area, m ² /g	D6556	7.0 - 12.0
Oil Absorption Number (OAN) cm ³ /100g max.	D2414	44.0
Ash Content % max.	D1506	0.20
pH	D1512	9.0 - 11.0
Toluene Extract % max.		0.10
Heat Loss % max.	D1509	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

The PAH content of our CG carbon black is monitored during the production process to ensure product consistency, quality, and compliance with Commission Regulation (EU) NO. 10/2011.

* 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.

About

Cancarb is proud to be the first thermal carbon black manufacturer to purposefully create a low Polycyclic Aromatic Hydrocarbon (PAH) medium thermal carbon black targeted at consumer goods.

N990CG medium thermal carbon black gives customers the ability to minimize PAH content in applications without sacrificing the quality and performance synonymous with Thermax®.

PAH testing is conducted in accordance with ASTM D8143. Generally, PAH regulations apply to final parts and therefore adherence to regulatory requirements will necessitate testing on the finished compounds. This includes regulations or quality certifications such as EU 1272/2013 and Geprüfte Sicherheit (GS) Mark.

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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