

CONSIGNOR, ADDRESS		QUALITY CERTIFICATE #	484			
Omsk Carbon Group OOO, 31A, building 1, floor 18, suite 1. room 15 B, Leningradskiy prospekt, 125284, Moscow, Russia		TRANSPORT #				
PRODUCER, ADDRESS		CONTAINER #	SLVU 4403437			
		TRANSPORT DOCUMENT				
Omsk Carbon Group OOO, 400029, Volgograd, 40-let VLKSM str., 61		LOT #	33929281224-4581			
CONSIGNEE, ADDRESS		DATE OF PRODUCTION	28.12.2024			
		TYPE OF GRANULATION	WET			
		CUSTOMER ID				
		PRODUCER ID	02551			
		PURCHASE ORDER #	8852024			

GRADE OF CARBON BLACK	SPECIFICATION	MATERIAL CODE	TYPE OF PACKAGE	PACKAGE UNITS	GROSS WEIGHT, KG	NET WEIGHT, KG
CARBON BLACK N 339	TECHNICAL SPECIFICATION-N-series-04-2022		medium bag	44	20 042	19 800

#	PARAMETER	UNIT	REQUIRED VALUE	RESULT	TEST METHOD
1	Iodine Adsorption Number	g/kg	90 ± 6	91,7	ASTM D 1510
2	Oil Absorption Number (OAN)	cm ³ /100g	120 ± 6	120,2	ASTM D 2414
3	Total and External Surface Area by Nitrogen Adsorption (STSA)	m ² /g	87 ± 6	83	ASTM D 6556
4	Sieve Residue (№325 US Std.Sieve)	mg/kg	500 max	57	ASTM D 1514
5	Sieve Residue (№35 US Std. Sieve)	mg/kg	10 max	0	ASTM D 1514
6	pH Value	pH units	6 - 10	7,89	ASTM D 1512
7	Heating Loss	%	1,5 max	0,5	ASTM D 1509
8	Ash Content	%	1,2 max	0,49	ASTM D 1506
9	Sulfur Content	%	1,4 max	0,93	ASTM D 1619
10	Pour density	kg/m ³	345 ± 30	331	ASTM D 1513
11	Individual pellet Hardness (average of 20)	cH(gf)	50 max	33	ASTM D 5230
12	Individual Pellet Hardness	cH(gf)	85 max	55	ASTM D 5230

THE GOODS SPECIFIED HEREWITH COMPLIES WITH THE CONTRACT TERMS AND THE SPECIFICATION REQUIREMENTS PROVIDING THE DUE STORAGE CONDITIONS.

NOTE

DEPUTY QUALITY DIRECTOR/		Tugolukova O. A.		STAMP
TEL.#		+7 (8442) 665 804		
QUALITY INSPECTOR	SIGNATURE	DATE		
	Khandokhina N. V.	13.02.2025		



***Carbon black storage conditions:**

Carbon black shall be kept indoors under conditions that rule out the possibility of moisture attack (precipitation or other sources of water, high humidity environment) and contamination.

Keep away from heat and ignition sources.

Do not keep with incompatible materials (strong oxidizers, e.g., chlorates, nitrates, bromates; volatile substances).

Prevent dust accumulation on surfaces.

Prevent dust clouds from being formed.

Packed carbon black shall be kept in closed warehouses for packed products.

Bulk carbon black shall be kept in special bin storages.

For long-term storage of carbon black (more than 1 month), it is recommended to use indoor storage facilities equipped with ventilation systems that keep air temperature within the range of +15—+25°C and relative humidity of the air not exceeding 40%.

The acceptance based on the quality indicator "mass loss when heated to 125°C" must be conducted no later than 48 hours from the moment the products arrive at the Buyer's warehouse. After this time period elapses, the products are considered accepted by the Buyer based on this indicator.

Packaging materials:

Appropriate materials: PE valved bags, polypropylene FIBCs (big bags). Other containers or packaging that prevent products from getting wet and ensure their safety during storage are allowed.

Carbon black must not be stored in open or damaged packaging. During loading or unloading, prevent the packaging material from getting wet or mechanically damaged, and carbon black from getting wet/contaminated. Do not load or unload in open areas.

To prevent destruction of PP or PE packaging materials, packed carbon black shall be kept under conditions that preclude packaging exposure to UV.

The Customer must, in the course of storage and recycling, prevent carbon black supplied from being mixed with products by other manufacturers or carbon black delivered by the Supplier under other specifications or from other delivery lots, and must ensure lot traceability in final products.

For carbon black handling, please refer to the provisions of Carbon Black Safety Data Sheet at <https://en.omskcarbongroup.com/sustainability/safety/>.