

Carbon Black N326

ASTM N326 · HAF-LS · equivalent to Regal 300

Hard grade, low structure furnace carbon black. Excellent adhesion and fatigue resistance in coating compounds. Supplied as pellets.

Typical Properties (Guaranteed Limits)

Property	Specification	Test Method
Iodine Adsorption Number	77.0 - 87.0 mg/g	ASTM D-1510
Oil Absorption Number (DBP)	67.0 - 77.0 cm ³ /100 g	ASTM D-2414
Tint Strength	106.0 - 116.0 %IRB3	ASTM D-3265
Pelleted Pour Density	435 - 475 kg/m ³	ASTM D-1513
Toluene Extract Transmittance	min 85.0 %	ASTM D-1618
pH Value	7.5 - 9.0	ASTM D-1512
Ash Content	max 0.75 %	ASTM D-1506
Heating Loss	max 1.0 %	ASTM D-1509
Pellet Fines	max 10.0 %	ASTM D-1508
Sieve Residue	max 1000 ppm	ASTM D-1514
Individual Pellet Hardness	average 10 - 40; max 50 cN	ASTM D-3313

Typical Applications

Belt skim and carcass ply coating compounds for passenger, truck and OTR tires. Rubber coating compounds for steel wire and fabric layers in hoses and belts.

Packing

28 kg paper bags (1,540 kg per pallet) or 1200 kg big bag. 20 FCL: 12,320 kg bagged / 12,000 kg jumbo.

Storage & Shelf Life

In accordance with ASTM D8043 the shelf life of carbon black is indefinite when stored in a manner that protects it from liquid water or high humidity. Re-testing of moisture content is recommended for material stored at the customer site for more than 12 months. Avoid dust formation; earth all handling equipment; keep away from strong oxidising agents and sources of ignition.

Application suggestions are indicative; final suitability for a specific process or product is to be validated by the customer. The values above are guaranteed specification limits. A batch Certificate of Analysis with measured results accompanies every shipment. Independent pre-shipment inspection (e.g. SGS) is available on request. Refer to the Safety Data Sheet before handling. HS Code: 2803 00.