

Carbon Black N375

ASTM N375 · HAF-HS · equivalent to Vulcan-J

Hard grade furnace carbon black. Balanced abrasion resistance and processing behaviour. Supplied as pellets.

Typical Properties (Guaranteed Limits)

Property	Specification	Test Method
Iodine Adsorption Number	85.0 - 95.0 mg/g	ASTM D-1510
Oil Absorption Number (DBP)	109.0 - 119.0 cm ³ /100 g	ASTM D-2414
Tint Strength	109.0 - 119.0 %IRB3	ASTM D-3265
Pelleted Pour Density	325 - 365 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

Treads of passenger and truck tires, inner tire parts including sidewall, base and under-tread, bead and apex compounds, truck tire re-treads. Industrial rubber: solid tires, seals, moldings, hose covers and conveyor belts.

Packing

21 kg paper bags (1,155 kg per pallet) or 1000 kg big bag. 20 FCL: 9,240 kg bagged / 10,000 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.