Carbon Black P-8201

P-type · UV protection grade for plastics and pressure pipe

High purity furnace carbon black for plastics requiring excellent UV protection. Low ash, low PAH and low sieve residue. 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)	**97.0 - 107.0 cm3/100 g**	ASTM D-2414
Toluene Extract (PAH)	**max 0.10 %**	Cabot method
Pelleted Pour Density	**360 - 400 kg/m3**	ASTM D-1513
pH Value	**7.5 - 9.0**	ASTM D-1512
Ash Content	**max 0.15 %**	ASTM D-1506
Heating Loss	**max 0.5 %**	ASTM D-1509
Pellet Fines	**max 10.0 %**	ASTM D-1508
Sieve Residue	**max 150 ppm**	ASTM D-1514
Individual Pellet Hardness	**average 10 - 40; max 50 cN**	ASTM D-3313

Typical Applications

Plastic products requiring excellent UV protection: pressure pipe for potable water and gas, irrigation pipe, utility pipe and geo-membranes.

Packing

23 kg paper bags (1,265 kg per pallet) or 1000 kg big bag. 20 FCL: 10,120 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.