



HARD GRADE CARBON BLACK

Product's Specification		Hard Grades					
ASTM N-Type (Rubber grades)		N-220	N-234	N-326	N-330	N-339	N-375
Iodine Number (mg/g)	D1510	116-126	115-125	77-87	77-87	85-95	85-95
DBP Absorption (mL/100g)	D2414	109-119	120-130	67-77	97-107	115-125	109-119
Tint Strength (ITRB %)	D3265	111-121	119-129	106-116	99-109	106-116	109-119
Toluene Discoloration (%)	D1618	Min. 80					
Ash content (%)	D1506	Max. 1					
Heating Loss (%)	D1509	Max. 2					
PH	D1512	7—9					
Sulphur (%)	D1619	Max. 1					
Fines Content (Bag) (%)	D1508	Max. 10					
Fines Content (Big Bag) (%)	D1508	Max. 7					
Pour Density(g/l)	D1513	320-370	320-350	430-480	360-410	330-380	330-380
Pellet Hardness(CN)	D3313	10-40					
Sieve Residue D1514	Sieve No.35 (max.)ppm	10					
	Sieve No.325 (max.)ppm	1000					

For the evaluation of result, the methods precision statement applies. The derived test results are only applicable to the sample(s) as received and identified as above. The report shall not be reproduced except in full without the written approval.



SOFT GRADE CARBON BLACK

Product's Specification		Soft Grades		
ASTM N-Type (Rubber grades)		N-550	N-660	N-772
Iodine Number (mg/g)	D1510	38-48	31-41	24-36
DBP Absorption (mL/100g)	D2414	116-126	85-95	67-77
Tint Strength (ITRB %)	D3265	58-68	53-67	...
Toluene Discoloration (%)	D1618	Min. 80		
Ash content (%)	D1506	Max. 1		
Heating Loss (%)	D1509	Max. 2		
PH	D1512	7—9		
Sulphur (%)	D1619	Max. 1		
Fines Content (Bag) (%)	D1508	Max. 10		
Fines Content (Big Bag) (%)	D1508	Max. 7		
Pour Density(g/l)	D1513	340-400	410-490	520
Pellet Hardness(CN)	D3313	10-40		
Sieve Residue D1514	Sieve No.35 (max.)ppm	10		
	Sieve No.325 (max.)ppm	1000		

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PACKING CARBON BLACK

The produced carbon black in this factory, before packing and supplying to the market, is finally detected by magnet separator to be free from any metal particles. Product packaging, based on usual market practice and related customer's instruction, is done in one of two following forms

Packing in double layer Kraft Paper-PE envelopes (20-25 kg)

Small Bags

Grades	Bag Weight (Kg)	Pallet weight (kg)	Pallets per 20' FCL	Volume per 20' FCL (kg)	Pallets per 40' FCL	Volume per 40' FCL (kg)	Pallets per Full Truck	Volume per Full Truck (kg)
N220	20	1,100	8	8,800	16	17,600	18	19,800
N234	20	1,100		8,800		17,600	18	19,800
N326	25	1,375		11,000		22,000	16	22,000
N330	22	1,210		9,680		19,360	18	21,780
N339	21	1,155		9,240		18,480	18	20,790
N375	21	1,155		9,240		18,480	18	20,790
N550	21	1,155		9,240		18,480	18	20,790
N660	25	1,375		11,000		22,000	16	22,000

Big Bags

Grades	Bag Weight (Kg)	Pallet weight (kg)	Pallets per 20' FCL	Volume per 20' FCL (kg)	Pallets per 40' FCL	Volume per 40' FCL (kg)	Pallets per Full Truck	Volume per Full Truck (kg)
N220	900	900	10	9,000	20	18,000	22	19,800
N234	850	850		8,500		17,000	22	18,700
N326	1,100	1,100		11,000		22,000	20	22,000
N330	1,000	1,000		10,000		20,000	22	22,000
N339	900	900		9,000		18,000	22	19,800
N375	900	900		9,000		18,000	22	19,800
N550	1,000	1,000		10,000		20,000	22	22,000
N660	1,000	1,000		11,000		22,000	20	22,000

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