



Technical Data Sheet of Carbon Black

TEST NAME	UNIT	ASTM METHOD	N-220	N-234	N-326	N-330	N-339	N-347	N-375	N-550	N-660	N-772
Iodine Number	mg/g	ASTM D1510	116-125	115-125	77-87	77-87	85-95	85-95	85-95	38-48	31-41	25-35
DBP Absorption Number	ml/100g	ASTEM D2414	109-119	120-130	67-77	97-107	115-125	119-129	109-119	116-126	85-95	60-70
CDBP Absorption Number	ml/100g	ASTM D3493	93-103	97-107	63-73	83-93	94-104	94-104	91-101	80-90	69-79	54-64
Heating Loss (max)	%w	ASTM D1509	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
Pour Density	g/l	ASTM D1513	335-375	300-340	435-475	360-400	325-365	315-355	325-365	340-380	420-460	500-540
Toluene Discoloration (min)	%T	ASTM D1618	90	90	90	90	90	90	90	85	85	85
Sieve Residue NO.35 (max)	ppm	ASTM D1514	0	0	0	0	0	0	0	0	0	0
Sieve Residue NO.325 (max)	ppm	ASTM D1514	200	200	200	200	200	200	200	200	200	200
PH Value		ASTM D1512	7.5-9	7.5-9	7.5-9	7.5-9	7.5-9	7.5-9	7.5-9	7.5-9	7.5-9	7.5-9
Ash Content	%w	ASTM D1506	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
FINES (Bag) (max)	%w	ASTM D1508	10	10	10	10	10	10	10	10	10	10
FINES (Big Bag) (max)	%w	ASTM D1508	7	7	7	7	7	7	7	7	7	7
Individual Pellet Hardness	CN	ASTM D03313	14885	14885	14885	14885	14885	14885	14885	14885	14885	14885
Sulfur Content (max)	%w	ASTM D1619	1	1	1	1	1	1	1	1	1	1
Nitrogen Surface Area	m ² /g	ASTM D6556	109-126	114-124	73-83	73-83	86-96	80-90	88-98	35-45	30-40	27-37
Tint Strength	%ITRB	ASTM D3265	111-121	118-128	106-116	99-109	106-116	100-110	109-119	58-68	53-67	-