



XIN JI DA

Technical Data Sheet

Carbon Black

Description

CAS No.: 1333-86-4 Function: Filler Colour: Black Physical Form: Powder, Granule

Specification

Physical Property	Unit	Specification								
		N220	N234	N326	N330	N339	N375	N550	N660	N774
Iodine Value	g/kg	121±7	120±7	82±6	82±6	90±6	90±6	43±5	36±5	29±5
DBP Absorption	$10^{-5} \text{m}^3/\text{kg}$	114±6	125±7	72±6	102±6	120±7	114±6	121±7	90±5	72±5
Tint Strength (Min)	%	108-124	115-131	103-119	96-112	103-119	107-121	-	-	-
CTAB	$10^3 \text{m}^2/\text{kg}$	103-117	109-125	74-86	73-85	86-98	89-101	36-48	31-43	26-38
Surface Area	$10^3 \text{m}^2/\text{kg}$	99-113	105-119	70-82	69-81	82-94	85-97	34-44	29-39	24-34
Heat Loss (Max)	mg/kg	2.5	2.5	2	2	2	2	1.5	1.5	1.5
300% Tensile Stress	MPa	1.9±1.5	0.0±1.5	3.5±1.5	0.5±1.5	1.0±1.5	0.5±1.5	0.5±1.5	2.2±1.5	3.7±1.5
Pour Density	kg/m^3	355±40	320±40	455±40	380±40	345±40	345±40	360±40	440±40	490±40
500um Sieve	mg/kg	10	10	10	10	10	10	10	10	10
45um Sieve	mg/kg	1000	1000	1000	1000	1000	1000	1000	1000	1000
Fine Content (Max)	%	10	10	10	10	10	10	10	10	10
Ash Content (Max)	%	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7

Packing : As Per Standard Export Packing