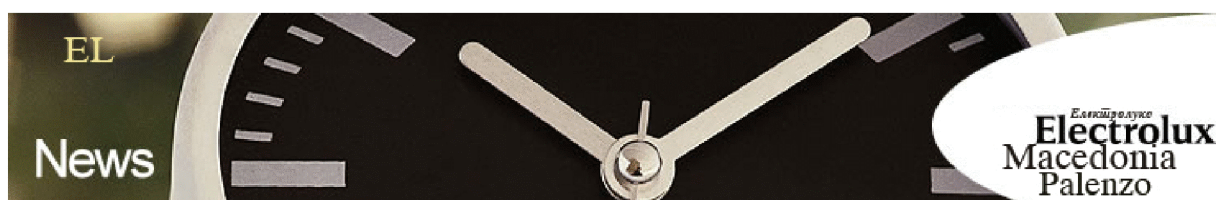


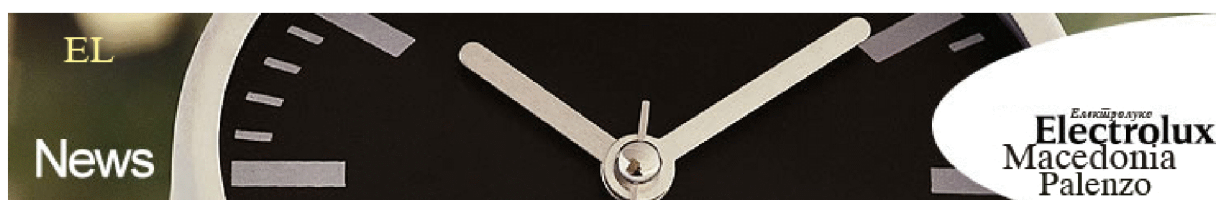
Carbon Black for Rubber,Tyre

Grades		N219	N220	N234	N326	N330	N351	N375	N550	N660
Specification	Iodine Absorption Value g/Kg	118±5	121±5	120±5	82±5	82±5	68±5	90±5	43±4	36±4
	Oil Absorption Value(DBP) 10 ⁻⁵ m ² /Kg	78±5	114±5	125±5	72±5	102±5	120±5	114±5	121±5	90±5
	CDBP Absorption Value of Compressed Sample 10 ⁻⁵ m ² /Kg	70-80	93-103	97-107	64-72	83-93	90-100	91-101	80-90	69-79
	CTAB Absorption Surface Area 10 ³ m ² /Kg	101-113	105-117	113-125	77-89	76-88	67-79	90-102	37-47	31-41
	STSA 10 ³ m ² /Kg		106±5	112±5	76±5	75±5	70±5	91±5	39±5	34±5
	Nitrogen Surface Area 10 ³ m ² /Kg	111-121	114-124	114-124	73-83	73-83	66-76	88-98	36-44	31-39
	Tinting Strength %	118-128	111-121	118-128	106-116	99-109	95-105	109-119		
	Heating Loss %	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.5	1.5
	Fines Content %	10	10	10	10	10	10	10	10	10
	Sieve Residue(325 Mesh) ppm	1000	1000	1000	1000	1000	1000	1000	1000	1000
	Ash %	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
	Pour Density Kg/m ³		355±40	320±40	455±40	380±40	345±40	345±40	360±40	440±40
	Modulus at 300%mpa	-3.9±1.0	-2.3±1.0	-0.4±1.0	-3.9±1.0	-0.9±1.0	-0.8±1.0	-0.1±1.0	-0.9±1.0	-2.6±1.0
Application	Tread	●		●		●		●		
	Carcass	●	●	●	●	●	●	●	●	●
	Inner Tube								●	●
	Sidewall							●	●	●
	Conveyor Belt	●	●	●	●	●		●	●	●
	Conveyor Tube	●	●		●	●			●	●
	Rubber Roller	●	●		●	●				●
	Rubber Shoe	●	●			●	●		●	●
	Wire & Cable	●	●	●	●	●	●		●	●
	Industrial Rubber	●	●	●	●	●	●	●	●	●
	Product									
	Printing Ink	●	●	●	●	●	●	●		●
	Coating	●	●	●	●	●	●	●		●
	Plastic	●	●	●	●	●		●		●
	Printing & Dyeing	●	●	●	●	●				●
Characteristics		LOW STRUCTURE,HIGH TINTING STRENGTH,LOW MODULUS AND HIGH ELONGATION	HIGH REINFORCING,HIGH TEAR RESISTANCE,GOOD PROCESSING ABILITY	HIGH REINFORCING,SUPPER ABRASION RESISTANCE,HIGH MODULUS,GOOD DISPERSION	MEDIUM-HIGH REINFORCING,LOW MODULUS,HIGH ELONGATION,HIGH TEAR RESISTANCE AND GOOD FLEX RESISTANCE	MEDIUM-HIGH REINFORCING AND MODULUS,GOOD PROCESSING ABILITY	MEDIUM-HIGH REINFORCING,HIGH MODULUS OF ELASTICITY,HIGH HARDNESS,GOOD PROCESSING ABILITY	MEDIUM-HIGH REINFORCING,HIGH MODULUS OF ELASTICITY,HIGH HARDNESS,GOOD PROCESSING ABILITY	MEDIUM REINFORCING,HIGH MODULUS AND HARDNESS,SMOOTH SURFACE OF EXTRUSION	MEDIUM REINFORCING,MEDIUM MODULUS,GOOD FLEXURE RESISTANCE,LOW HEAT BUILD UP
PS:										
●=Suggest use grades										



Carbon Black for Plastic, Masterbatch

Grades		GB110	GB120	GB130
Specification	Iodine Absorption Value g/Kg	118-128	118-128	118-128
	Oil Absorption Value (DBP) 10 ⁻⁵ m ³ /Kg	70-80	70-80	70-80
	Tinting Strength %	100-106	105-111	112-118
	Sieve Residue (325 Mesh) ppm	150	150	150
	Heating Loss (125°C) ≤, %	0.80	0.80	0.80
	Ash ≤, %	0.50	0.50	0.50
	Dispersing μm	42.5	42.5	40
	Fluidity mm	17-23	17-23	17-23
	PH Value	6.0-9.0	6.0-9.0	6.0-9.0
	Impurity	Naught	Naught	Naught
	State	Powder	Powder	Powder
Application	Plastic	●	●	●
	PVC, PP, PE	●	●	●
	Wire & Cable	⊙	⊙	⊙
	Printing Ink	⊙	⊙	●
	Paint	●	●	⊙
	Coating	●	●	⊙
PS:				
● = Suggest use grades				



Carbon Black for Printing Ink

Grades		RCF300-1	RCF300-2	RCF300-3
Specification	Iodine Absorption Value g/Kg	80	81	69
	Oil Absorption Value(DBP) 10 ⁻⁵ m ³ /Kg	101	117	117
	Tinting Strength %	100	100	94
	Sieve Residue(325 Mesh) ppm	100	90	25
	Heating Loss(125°C) %	0.60	0.50	0.10
	Ash %	0.20	0.20	0.10
	Dispersing um	25	20	27.5
	Fluidity mm	22	22	21
	PH Value	7.5	7.5	7.5
	Impurity	Naught	Naught	Naught
Application	State	Powder	Powder	Powder
	Printing Ink	●	●	●
	Paint			
	Coating			
	Plastic	●	●	●
	Wire & Cable	⊙	⊙	⊙
	High-grade Strip Seal			●
PS:				
●=Suggest use grades				