



K P INTERNATIONAL PRIVATE LIMITED

604, Manas Complex, Jodhpur Cross Road, Satellite, Ahmedabad-380015, India
Phone No.: 079-26923570/87

TECHNICAL SPECIFICATION OF BLACK PN

NAME:	BLACK PN
CODE NO -	JS 27
C.I. NO -	28440
EEC NO -	E 151
FD & C NO -	-
HUE NAME (FOOD) -	BLACK 1
INDIAN STANDARD NO -	-
CLASS -	DISAZO

SPECIFICATION:	
TOTAL DYE CONTENT % MIN	80
LOSS ON DRYING AT 135 C & SODIUM CHLORIDES % SULPHATES % MAX	20
WATER INSOLUBLE MATTER % MAX	0.2
EATHER EXTRACTS % MAX	0.2
SUBSIDIARY DYE % MAX	10.0
DYES INTERMIDIATES	0.80
UNSULPHONATED PRIMARY AROMATIC AMINES % MAX	0.01
LEAD (AS "Pb") PPM (MAX.)	10.00
ARSENIC (AS "As" PPM (MAX.)	3.00
MERCURY (As "Hg") PPM (MAX.)	1.0
CHROMIUM (As "Cr") PPM (MAX.)	5.0
HEAVY METALS PPM (MAX.)	40.00

SOLOBILITY AT ROOM TEMP:

WATER (gms/ltr.)	50.0
GLYCERINE (gms/ltr.)	5.00
PROPYLENE GLYCON (gms/ltr.)	10.00
ETHANOL (95%) (gms/ltr.)	Trace

STABILITY TO:

ACIDS	EXCELLENT
NEUTRAL	EXCELLENT
ALKALINES	GOOD
BAKING 205 c (400 F)	WEAK
LIGHT	EXCELLENT
HEAT	VERY WEAK