

## Product Specification

### SEMI REFINED PARAFFIN WAX 2-3% SPECIFICATION

MELTING POINT	60-62 C °
OIL CONTENT	2 - 3 %
PACKING	IN CARTON (25 KGS)
APPLICATIONS	CANDLE - TEXTILE - MDF - MATCH - CABLE .....

### SEMI REFINED PARAFFIN WAX 3-5% SPECIFICATION

MELTING POINT	62-64 C °
OIL CONTENT	3 - 5 %
PACKING	IN CARTON (25 KGS)
APPLICATIONS	CANDLE - TEXTILE - MDF - MATCH - CABLE .....

### LOW DENSITY POLYETHYLENE WAX

MELTING POINT	90 C °
FLASH POINT	160 C °
COLOR	WHITE
SP - GRAVITY @	25 C ° = 0.82 g/cm <sup>3</sup>
OIL CONTENT	1%
WATER CONENET	2% TO 3%
PHYSICAL TYPE	SOFT
PACKING	IN BAG APPROX (500 KGS)

### HIGH DENSITY POLYETHYLENE WAX

MELTING POINT	120 C °
FLASH POINT	300 C ° >
COLOR	WHITE
SP - GRAVITY @	25 C ° = 0.87 g/cm <sup>3</sup>
OIL CONTENT	1%
WATER CONENET	-
PHYSICAL TYPE	SOLID
PACKING	RECONDITION DRUM

## RESIDUE WAX(FOOTS OIL) SPECIFICATION

MELTING POINT	35 C °
COLOUR 15 C °	YELLOWISH
COLOUR 35 C °	BROWN
OIL CONTENT	65 + / -5 %
WAX CONTENT	35 + / -5 %
PACKING	IN DRUMS

## RUBBER PROCESS OIL SPECIFICATION

TEST METHOD (ASTM)		CHARACTERISTICS
D-445	35	CINEMATIC VISCOSITY @ 100 C ° , CST
D-92	264	FLASH POINT , C °
D-97	15	POUR POINT , C °
D-4052	0.995	SPECIFIC GRAVITY @ 15.6 C ° / 15.6 C °
IP-2	45	ANILINE POINT , C °
D-2622	3.5	SULPHAR CONTENT , WT %
D-482	0.02	ASH CONTENT , WT %
D-2501	0.925	VGC

## SPECIFICATION OF SLACK WAX (BNG I)

TEST METHOD	SW (HEAVY)	SW (LIGHT)	CHARACTERISTICS
D-445	7.5	5.5	KINEMATIC VISCOSITY @ 100 C ° , CST
D-92	249	238	FLASH POINT , C °
IP-190	0.89	0.89	SPECIFIC GRAVITY @ 15.6 C ° / 15.6 C °
D-721	16	14	OIL CONTENT , WT%
D-937	61	54	CONGEALING POINT , C
D-1500	0.5	0.5	COLOR
D-127	64	57	DROP MELTING POINT

**SPECIFICATION OF SLACK WAX (BNG II)**

TEST METHOD	SW (HEAVY)	SW (LIGHT)	CHARACTERISTICS
D-445	7.5	5.5	KINEMATIC VISCOSITY @ 100 C ° , CST
D-92	249	238	FLASH POINT , C °
IP-190	0.89	0.89	SPECIFIC GRAVITY @ 15.6 C ° / 15.6 C °
D-721	16	14	OIL CONTENT , WT%
D-937	61	54	CONGEALING POINT , C
D-1500	0.5	0.5	COLOR
D-127	64	57	DROP MELTING POINT

**SPECIFICATION OF SLACK WAX (BNG III)**

TEST METHOD	SW (HEAVY)	SW (LIGHT)	CHARACTERISTICS
D-445	7.5	5.5	KINEMATIC VISCOSITY @ 100 C ° , CST
D-92	249	238	FLASH POINT , C °
IP-190	0.89	0.89	SPECIFIC GRAVITY @ 15.6 C ° / 15.6 C °
D-721	16	14	OIL CONTENT , WT%
D-937	61	54	CONGEALING POINT , C
D-1500	0.5	0.5	COLOR
D-127	64	57	DROP MELTING POINT

**WHITE PETROLEUM JELLY (BNG I)**

<b>METHOD</b>	<b>ACCEPTED LIMIT</b>	<b>RESULT</b>	<b>CHARACTERISTIC</b>
B.P 2008	According to test method	Passed	Characteristics
B.P 2008	Not more than absorbance of solution 6 mg <sup>l</sup> <sup>-1</sup> naphthalene in DMSO at 278 nm	Passed	Polycyclic aromatic hydrocarbons
ASTM D-127	57 to 64 °C	62 °C	Drop melting point
B.P 2008	35 to 70 °C	50 °C	Drop point
B.P 2008	According to test method	Passed	Acidity or alkalinity
B.P 2008	Odour less when rubbed on the skin	Passed	Odour
B.P 2008	max 0.05%	Less than 0.05%	Sulphated ash
ASTM D-445	5-6.5 cSt	5.6 cSt	Kinematic viscosity at 100 °C
ASTM D-938	50-60 °C	55.4 °C	Congealing point
B.P 2008	140-160 (0.1 mm)	156 (0.1 mm)	Penetration Consistency
ASTM D-445	Min 212 °C	Min 212 °C	Flash point
IP-17 Method A 2" cell	Max 1.1 Y	0.9 Y	Color (Lovibond)
USP	0.815-0.880	0.822	Specific gravity at 60 °C

## WHITE PETROLEUM JELLY (BNG II)

METHOD	ACCEPTED LIMIT	RESULT	CHARACTERISTIC
B.P s 2008	According to test method	Passed	Characteristics
B.P 2008	Not more than absorbance of solution 6 mg <sup>l</sup> <sup>-1</sup> naphthalene in DMSO at 278 nm	Passed	Polycyclic aromatic hydrocarbons
ASTM D-127	57 to 64 °C	62 °C	Drop melting point
B.P 2008	35 to 70 °C	50 °C	Drop point
B.P 2008	According to test method	Passed	Acidity or alkalinity
B.P 2008	Odour less when rubbed on the skin	Passed	Odour
B.P 2008	max 0.05%	Less than 0.05%	Sulphated ash
ASTM D-445	5-6.5 cSt	5.6 cSt	Kinematic viscosity at 100 °C
ASTM D-938	50-60 °C	55.4 °C	Congealing point
B.P 2008	140-160 (0.1 mm)	156 (0.1 mm)	Penetration Consistency
ASTM D-445	Min 212 °C	Min 212 °C	Flash point
IP-17 Method A 2" cell	Max 1.1 Y	0.9 Y	Color (Lovibond)
USP	0.815-0.880	0.822	Specific gravity at 60 °C

## WHITE OIL SPECIFICATION

TYPICAL RESULT	METHOD	CHANCTERIES
C & B	VISUAL	APPEARANCE
WATER	D - 1500	COLOUR
NIL	CRACKLE	WATER
0.857	D - 4052	SP.GRAVITY@ 15 C
7	D - 445	VISCOSITY @ 40 C ,CST
2	D - 445	VISCOSITY @ 100 C ,CST
0	D - 97	POUR POINT

## SPINDLE OIL SPECIFICATION

TYPICAL RESULT	METHOD	CHARACTERISTICS
C&B	VISUAL	APPEARANCE
0.5	D-1500	COLOUR
NIL	CRACKLE	WATER
0.847	D-4052	SP.GRAVITY@15 C
5.7	D-445	VISCOSITY@40 C , Cst
1.82	D-445	VISCOSITY@100 C , Cst
2	D-97	POUR POINT
140		FLASH POINT

## WHITE OIL/ HEAVY GRADE

METHOD	ACCEPTED LIMIT	RESULT	CHARACTERISTIC
ASTM D-156	Color less	+30	Color (saybolt)
ASTM D-1298	0.810-0.875 gr/cm <sup>3</sup>	0.825 gr/cm <sup>3</sup>	Density at 20 °C
ASTM D-445	38-42 cSt	39.4 cSt	Kinematic viscosity at 40 °C
B.P 2007	Odourless	Passed	Odour
B.P 2007	Meet to BP	Passed	Acidity or alkalinity
B.P 2007	Meet to BP	Passed	Solid paraffin
B.P 2007	Meet to BP	Passed	Polycyclic aromatic hydrocarbons
ASTM D-92	Min 200 °C	240 °C	Flash point

## MEDICINAL WHITE OIL

METHOD	ACCEPTED LIMIT	RESULT	CHARACTERISTIC
ASTM D-156	+30	+30	Color (saybolt)
ASTM D-1298	0.810-0.875 gr/cm <sup>3</sup>	0.825 gr/cm <sup>3</sup>	Density at 20 °C
B.P 2009	According to test method	Passed	Readily carbonisable substances
ASTM D-445	15-35 cSt	18.5 cSt	Kinematic viscosity at 40 °C
B.P 2009	Odourless	Passed	Odour
B.P 2009	Meet to BP	Passed	Acidity or alkalinity
B.P 2009	Meet to BP	Passed	Solid paraffin
B.P 2009	Meet to BP	Passed	Polycyclic aromatic hydrocarbons
ASTM D-92	Min 200 °C	Min 200 °C	Flash point