

CHEMICAL MINE WORLD LTD.

Oil Refiner of Petroleum Products



Asphaltenes wt% (Max)	0.22	Asphaltenes wt% (Max)	---
KIN. Vis. @ 100° (Min)	8	KIN. Vis. @ 100° (Min)	305
Water Cont. Vol% (Max)	0.02	Water Cont. Vol% (Max)	0.02
Color (Max)	1.5	Color (Max)	2
Pour Point °C (Max)	63	Pour Point °C (Max)	45
Viscosity Index (Min)	----	Viscosity Index (Min)	----

Semi-refined Paraffin Wax 1-2%

CHARACTERISTIC	METHOD	RESULT
Oil Content	ASTM D-721	1.2% Max
Melting Point	ASTM D-87	60 – 68 ° C
Kinematic Viscosity at 100 °C	ASTM D-445	6 – 7.5 CST
Colour (Lovibond)	Method (2"cell)	1.5 Max

Heavy Slack wax

CHARACTERISTIC	METHOD	RESULT
Kinematic viscosity	ASTM: D-445	4 cst
Flash Point	ASTM: D-92	245 °C
Specific Gravity 25 °C / 25 °C	ASTM: D-190	0.84
Oil Content	ASTM: D-721	Max 35 WT%
Color	ASTM: D-1500	1

Semi-refined Paraffin Wax 2-4%

CHARACTERISTIC	METHOD	RESULT
Colour (Lovibond)	Method (2"cell)	0.3 – 0.5 Y
Congealing Point	ASTM D-938	62 – 68 ° C
Melting Point	ASTM D-87	62 – 65 ° C
Oil Content	ASTM D-721	3-5 %
Kinematic Viscosity at 100 ° C	ASTM D-445	6 – 7.5 CST
Density at 100 ° C	ASTM D-1298	760 - 770gr/cm ³
Flash Point	ASTM D-92	MIN. 230 ° C

Light Slack Wax 4%

CHARACTERISTIC	METHOD	RESULT
Density at 15 ° C	ASTM D-4052	0.885 kg/L
Flash Point	ASTM D-92	200 ° C
Melting Point	ASTM D-938	54 – 62 ° C
Oil Content	ASTM D-721	4% wt

Light Slack Wax 12%

CHARACTERISTIC	METHOD	RESULT
Density at 15 ° C	ASTM D-4052	0.885 kg/L
Flash Point	ASTM D-92	200 ° C
Melting Point	ASTM D-938	54 – 62 ° C
Oil Content	ASTM D-721	12% wt

Semi-refined Paraffin Wax 4-6%

CHARACTERISTIC	METHOD	RESULT
Colour (Lovibond)	Method (2"cell)	0.3 – 0.5 Y
Congealing Point	ASTM D-938	62 – 68 ° C
Melting Point	ASTM D-87	62 – 65 ° C
Oil Content	ASTM D-721	4-6 %
Kinematic Viscosity at 100 ° C	ASTM D-445	6 – 7.5 CST
Density at 100 ° C	ASTM D-1298	760 - 770gr/cm ³
Density at 100 ° C	ASTM D-92	MIN. 230 ° C

Foots Oil residue wax

CHARACTERISTIC	METHOD	RESULT
Drop Melting Point	ASTM D-87	42≥ (°C)
Oil Content	ASTM D-721	%55±5
Density	ASTM D-1298	0.8 – 0.85
Wax		%45 ±5
Penetration at 25 ° C		70-100
Flash Point	ASTM D-92	230 – 260 ° C
Viscosity 100	ASTM D-445	95 C.S.T
Colour	Method (2"cell)	Yellowish Brown

Vaseline "Petroleum Jelly"

SP.Gravity @ 15.6C*	0.840 Z
Melting Point C*	50
Penetration @ 25 C*	160
Coc Flash Point C*	178
Color (ASTM – D-1500)	1.5