

Specification of Micro Wax - 2308

PARAMETER	STANDARDS
DROP MELTING POINT	77° C
CONGEALING POINT	72° C
TOTAL ACIDITY	0.01%
OIL CONTENT	0.5-2.0%
COLOUR	2.5
PENETRATION (25° C/ 100gm/ 5 sec)	15 mm

Specification of Micro Wax - 2305 (Yellow)

PARAMETER	TEST METHODS	STANDARD S
DROP MELTING POINT	ASTM D 127-63	78° C
CONGEALING POINT	ASTM D 938-71	60° C
TOTAL ACIDITY (mg of KOH per gm)	IS 1448 P-2	0.005 Max.
PENETRATION (25° C/ 100gm/ 5 sec)	ASTM D5-73	18-20
FLASH POINT	ISI 1448-P-21	260 - 280
ASH CONTENT	ASTMD 482-80	NIL
COLOUR	ASTM D271- 68	0.5
OIL CONTENT	ASTM D 271 - 68	2-3%

MICRO WAX SPECIFICATION (Special Grade - White)

TEST	METHOD	SPECIFICATION
Melting Point	ASTM D 123-63	80-85
Congeaing Point	ASTM D 938-71	70-75
Needle Penetration @ 25° C/ 35° C	ASTM D 5-73	10-15
Oil Content	ASTM D 721-68	1.50% Max.
Color Saybolt	ASTM D 1500	0.00-0.50
Flash Point		260° - 280° C
Total Acidity	IS : 1448 P-2	0.50 Max.
Ash Content	IS : 1448 P-1	0.03 Max.

MICRO WAX SPECIFICATION (Cosmetic Grade - White)

TEST	METHOD	SPECIFICATION

Melting Point	ASTM D 127 – 26	80 – 90
Congealing Point	ASTM D 938 – 71	75 – 85
Needle Penetration @ 25° C/ 35° C	ASTM D5 - 73	15 – 20
Oil Content	ASTM D 721 – 68	3 % Max.
Color Saybolt	ASTM D 1500	0.5 – 2.5
Flash Point		280 ⁰ - 300 ⁰ C
Total Acidity	IS : 1448 P-2	0.50
Ash Content	AST, D 482 - 50	0.03 Max.

SPECIFICATION OF MICRO WAX

Sr.	Property	Specification
1	Congealing Point	65 - 75 ⁰ C
2	Color	Pale Yellow
3	Penetration (mm @ 100g/ 25 ⁰ C)	55 - 60
4	Molecular wf	450 - 700