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| --- | --- | --- | --- | --- | --- |
| No | CHARACTERISTIC | Micro Wax 35 | Micro Wax 30 | Micro Wax 25 | METHOD |
| 1 | Appearance | White or cream-colored; waxy solid, odorless | USP 2017 |
| 8 | Acidity or Alkalinity | No red or pink color is produced | USP 2017 |
| 9 | Organic Acids | Not more than 0.4 ml of 0.1N sodium hydroxide is required | USP 2017 |
| 10 | Fixed Oil, Fats, and rosin | No Oily or solid matter separates | USP 2017 |
| 11 | Residue on ignition  | Not more than 0.1 % | USP 2017 |
| 2 | Oil content % | 30 – 40 | 30 – 40 | 30 - 40 | ASTM D-721 |
| 3 | Kinematic Viscosity @100 ͦ C | 7 – 8 cSt | 7 – 8 cSt | 6 - 7 cSt | ASTM D-445 |
| 4 | Color Lovibond | Max 1 Y | Max 0.6 Y | 0.5 Y to 1 Y | IP 17 cell 2" |
| 5 | Drop Melting Point | 65 - 70 ͦ C | 60 - 70 ͦ C | 60 - 70 ͦ C | ASTM D-127 |
| 6 | Congealing point  | 60 - 65 ͦ C | 55 - 65 ͦ C | 55 - 65 ͦ C | ASTM D-938 |
| 7 | Needle Penetration | 30 - 40 | 40 - 50 | 45 - 60 | ASTM D-1321 |

***Technical Data Sheet***

*MicroWaxes*