



## THE INTERNATIONAL GROUP, INC.

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### IGI<sup>®</sup> 1239A

IGI<sup>®</sup> 1239A is a fully refined wax with a mid-range melting point.

#### PHYSICAL PROPERTIES

| TEST METHODS                             | ASTM METHOD | SPECIFICATIONS |            | TYPICAL    |
|--|-------------|----------------|------------|------------|
|  |             | Minimum        | Maximum    |            |
| Melt Point °F (°C)                       | D 87        | 136 (57.8)     | 142 (61.1) | 138 (58.9) |
| Kinematic Viscosity, cSt @ 212°F (100°C) | D 445       | 3.6            | 5.2        | 4.16       |
| Oil Content, Wt%                         | D 721       | ----           | 0.5        | 0.29       |
| Saybolt Color                            | D 6045      | +28            | ----       | +30        |
| Odor                                     | D 1833      | ----           | 1          | 0          |
| Needle Penetration, dmm @ 77°F (25°C)    | D 1321      | 8              | 18         | 16         |
| Needle Penetration, dmm @ 90°F (32.2°C)  | D 1321      | ----           | ----       | 21         |

Note: Physical properties for which ONLY a typical value is listed are included as additional information but may not be printed on the COA.

#### FDA STATUS:

This product meets the FDA requirements set forth in 21 CFR 178.3710 for use in non-food articles in contact with food. For additional FDA compliance information, please contact your IGI Sales Representative.

4/11/17

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