



Product Data Sheet

Revision Date: 02/04

CENWAX® G

HYDROGENATED CASTOR OIL

CENWAX® G is mainly the triglyceride of 12-hydroxystearic acid and is a hard, brittle, high melting synthetic wax which is insoluble in most organic solvents.

| PROPERTIES | TYPICAL | SPECIFICATIONS |
|------------------------------|------------------|----------------|
| Appearance at 25°C | Off-white flakes | |
| Acid Number | 2.2 | 4 Maximum |
| Saponification Number | 179 | 177 - 182 |
| Iodine Number | 2.3 | 3 Maximum |
| Hydroxyl Value | 160 | 158 Minimum |
| Melting Point, °C | 87.3 | 86 - 88 |
| Color, Gardner, Molten | 2- | |
| Color, 1" Lovibond, Molten | 1.4Y/0.6R | 5Y/1R Maximum |
| Moisture, % | 0.1 | 0.25 Maximum |
| Specific Gravity, 200°F/60°F | 0.899 | |
| Flash Point, °C | 307 (585°F) | |

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|-------------------------------------|--|
| Applications: | <ol style="list-style-type: none">1. As a source of 12-Hydroxystearic acid in the manufacture of multi-purpose lithium and calcium greases.2. In hot melt sealants and coatings3. In blends with natural wax.4. Mold release agent for plastics and rubbers.5. Paper coatings. |
| Shipping Data: | 50-pound multiwall bags. |
| DOT Shipping Classification: | Non-hazardous. |



Technical Service: Savannah, GA (912) 238-6556
Sales Service: Jacksonville, FL - (800) 733-1374

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