Pentadesma fat

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| **Physical and Chemical Characteristics** |  | **Fatty Acid Composition** |  |
| Fat content of seeds | 50 | Myristic | Nil |
| Ash content | 2.1 | Palmitic | 3.1 |
| Melting point (complete fusion) (0C) | 39.0 – 39.5 | Stearic | 45.5 |
| Slip point (0C) | 37.5 – 38.2 | Oleic | 50.5 |
| Iodine number | 47.3 | Linoleic | 0.4 |
| Acid number | 8.3 | Linolenic | Nil |
| Free fatty acids (oleic) (%) | 4.2 | Degree of unsaturation | .51 |
| Saponification number | 188 – 194 |  |  |
| Unsaponifiable matter (%) | 1.5 – 1.8 |  |  |
| Solidification point (0C) | 27.0 – 28.6 |  |  |