



Innoleate[®] HMR

(methyl 12-hydroxy stearate)

SPECIFICATIONS

Appearance @ RT
Appearance @ 55 °C
Color, ASTM
Color, 1" Lovibond
Saponification value, mg KOH/gm
Iodine value
Hydroxyl value, mg KOH/gm
Melt point, °C
Acid value, mg KOH/gm

PARAMETERS

Solid off-white flakes
Clear bright yellow liquid
2.5 max
1.5R / 3.0Y
170 – 180
5 max
160 – 178
45-53
10 max

Applications/Attributes

- **Lubricants & Grease**
 - Lithium grease (continuous grease manufacturing)
 - Hot liquid storage
- **Thermoplastics**
 - Pigment dispersion for master batch manufacture
 - Internal/external lubricant for PVC compounding
- **Rubber**
 - Vulcanizing agent
 - Anti-slip agent
 - Internal lubricant for butyl rubber
- **Polyurethanes**
 - Bio-based polyester polyols
- **Chemical Intermediate**
 - Secondary hydroxyl group

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