



Innoleo® RA

(ricinoleic acid)

SPECIFICATION

Appearance @ RT
Acid value, mg KOH/ gm
Gardner color
Hydroxyl value, mg KOH/gm
Iodine value
Saponification value, mg KOH/gm

PARAMETERS

Yellow, amber liquid
162 min
11 max
150 min.
80 – 93
176 min

Applications/Attributes

- 12-Hydroxy 9,11 Oleic Acid (85-90%)
- Viscous yellow liquid
- Insoluble in water but soluble in most organic solvents
- High polarity
- Chemical intermediate for various industrial applications
 - Active hydroxy and carboxyl groups
- Metal working fluids
 - Cutting oils
- Lubricants
 - Industrial
 - Synthetic
 - Emulsifiers
- Rubber
 - Emulsifiers and foam stabilizers
- CASE (coatings, adhesives, sealants & elastomers)
 - Urethane intermediates
 - Polyamide & polyester polyols
 - Epoxy resins
 - Pigment & dye dispersants
- Textile chemicals
 - Surface wetting and lubricity
- Resin (emulsion) polymerization (PVC/PVAC)
 - Sodium ricinoleate
 - Emulsion stabilizer
 - Emulsifier
 - Defoamer
- Oil drilling muds & crude oil recovery
 - Greater (*than TOFA & oleic*) oxidative and thermal stability

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