



FAIRCHEM ORGANICS LIMITED

DIMER ACID – FIDOL 800

TECHNICAL DATA SHEET

Dimer acid – FIDOL 800 is produced from soft oil (non-Palm). The composition of the product is typical for application requiring low monomer content, desired functionality of dimer acid and to a lesser extent, trimer acid present in the product.

FIDOL 800 can be used in production of reactive and non-reactive polyamides for inks, adhesives and epoxy resins. Other application includes synthetic lubricants, oil field drilling muds, alkyd resins.

DESIGNATION

Chemical Name: Dimer Acid
 Trade Name: FIDOL 800
 IUPAC Name: 9-[(Z)-non-3-enyl]-10-octylnonadecanedioic acid
 CAS No: 61788-89-4
 EC No: 500-148-0
 Origin: Vegetable
 Origin Source: Based on soft oil (non Palm)

SPECIFICATION

| PARAMETERS | UNIT | SPECIFIED LIMITS |
|----------------------|---------------------|------------------|
| Appearance at RT | | Viscous Liquid |
| Color | Gardner Scale | < 8.0 |
| Viscosity at 25° C | CPS | 7500 - 9500 |
| Density at 20° C | gm /cm ² | 0.94-0.95 |
| Acid Value | mgKOH/g | 190-205 |
| Saponification Value | mgKOH/g | 192-205 |
| Monomer Content | % | < 3.0 |
| Dimer Content | % | 75-82 |
| Trimer Content | % | 15-18 |

PACKING, STORAGE AND HANDLING

Fidol 800 is available in bulk ISO- Containers, IBC and in drums. Fidol 800 is non-hazardous and should be stored in dry well- ventilated area at room temperature, keep the product away from heat.

SHELF LIFE

Product is stable for 12 months from the date of manufacturing in original unopened containers.