



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.