



A. & A. Fratelli Parodi s.p.a.

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(mod. MR 13 21)

TECHNICAL DATA SHEET

TRADE NAME
CHEMICAL NAME

PARYOL TMC 810T
GLYCERIDES, MIXED DECANOYL AND
OCTANOYL

INCI NAME (UE)

CAPRYLIC/CAPRIC TRIGLYCERIDE

INCI NAME (US)

CAPRYLIC/CAPRIC TRIGLYCERIDE

CAS NUMBER

73398-61-5

EC NUMBER

277-452-2

| | U.M. | Test methods | Range |
|----------------------------------|-----------------------|---------------------|---------------|
| Physical status at 25°C | | Visual | Liquid |
| Acid value | mgKOH/g | AOCS Cd 3d-63 | ≤ 0.2 |
| Iodine value | gI ₂ /100g | AOCS Cd 1-25 | ≤ 0.9 |
| Saponification value | mgKOH/g | AOCS Cd 3-25 | 325.0 – 340.0 |
| Peroxide value at drumming* | meqO ₂ /kg | AOCS Cd 8-53 | ≤ 1.0 |
| Peroxide value during shelf life | meqO ₂ /kg | AOCS Cd 8-53 | ≤ 10.0 |
| Hydroxyl value | mgKOH/g | AOCS Cd 13-60 | ≤ 5.0 |
| Colour | APHA | AOCS Ea 9-65 | ≤ 50 |
| Refractive index | | AOCS Tp 1a-64 | 1.448 – 1.450 |
| Density at 20°C | g/cc | ASTM D1298-85 | 0.930 – 0.960 |
| Cloud point | °C | AOCS Cc 6-25 | ≤ -5 |
| Viscosity 40°C | cSt | ASTM D445-94 | 13.0 – 15.6 |
| M.I.U. | % | Internal method | ≤ 0.2 |
| Unsaponifiable matter | % | AOCS Ca 6b-53 | ≤ 0.5 |
| Ash | % | AOCS Ca 11-55 | ≤ 0.1 |

*guaranteed at direct arrival in customer's warehouse

Fatty acids composition %(GLC):

| | | |
|---------------|-------|-------------|
| Caproic acid | C6:0 | ≤ 0.6 |
| Caprylic acid | C8:0 | 50.0 – 65.0 |
| Capric acid | C10:0 | 30.0 – 50.0 |
| Lauric acid | C12:0 | ≤ 2.0 |
| Myristic acid | C14:0 | ≤ 0.5 |

Shelf life

24 months minimum in cool conditions in unopened container