

General Purpose Plasticizer

# Inafleks

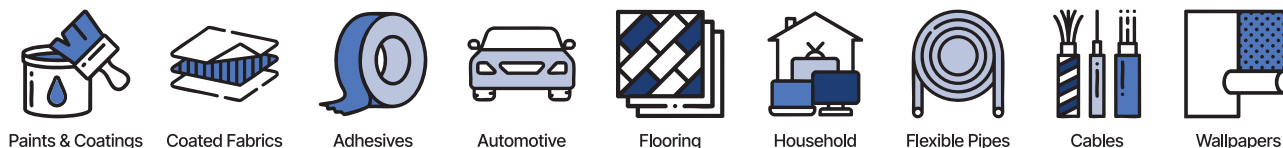
DINP



## Product Features

- Inafleks** is a high molecular weight phthalate, General Purpose Plasticizer manufactured using batch production mode.
- Inafleks** is produced according to our own technology, with every process parameter monitored throughout of the production cycle, to arrive at high quality product for end segments.
- We use leading raw material suppliers to ensure consistency of product properties at all time.

## Applications



## Specification

**Chemical Nature:** Bis(Isononyl) Phthalate

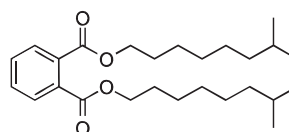
**Abbreviation:** DINP

**CAS No:** 28553-12-0

**Molecular Weight:** 418,61

**Formula:** C<sub>26</sub>H<sub>42</sub>O<sub>4</sub>

**Molecular Structure:**



**Inafleks** is produced via estrification of Isononanol and PA.

**Inafleks** is used primarily to plasticize vinyl resins and exhibits good working parameters in porcessing, providing durability of finished products.

**Inafleks** is compatible with **Optafleks** specialty plasticizers.

Property	Test Method	Value
Physical State	-	Liquid
Appearance	-	Transparent
Density (20°C, g/cm3)	ASTM D 1045	0,969-0,979
Ester Content (%)	GC-Home Method	≥ 99,5
Refractive Index (20°C)	ASTM D 1045	1,4810-1,4890
Viscosity (20°C,cP)	ASTM D 1045	70-100
Flash Point (Open Cup, °C)	ASTM D 92	≥ 205
Water Content (%)	ASTM D 1364-02	≤ 0,05
Water Solubility (20°C g/L)	-	≤ 0,00004
Acidity (mg KOH/g)	ASTM D 1045	≤ 0,07
Color (Pt-Co)	ASTM D 1209v	≤ 30

## Certificates

**Inafleks** complies with **REACH**.

The product is registered under the **REACH Regulation (EC) No. 1907/2006** through our Only Representative, RGS, for Bis(Isononyl) Phthalate, with a tonnage **band of 1000+ tonnes/year**.

## Worldwide Delivery

