

Speciality Purpose Plasticizer

Optafleks

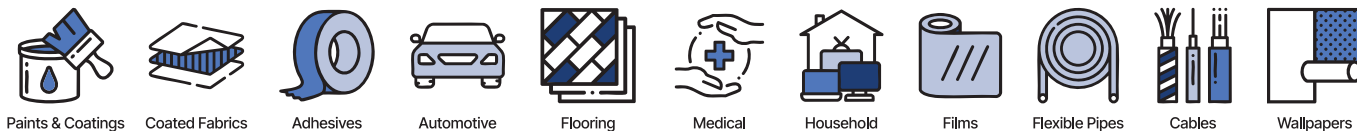
Polymeric 50



Product Features

- **Optafleks Polymeric 50**, is a Specialty Purpose Plasticizer developed by Plastay's R&D team.
- **Optafleks Polymeric 50** is produced according to our own technology.

Applications



Specification

Chemical Nature: Neopentyl Glycol Adipate

Abbreviation: NPG

Molecular Weight: Average Mn ~5000-6000

Formula: $-OCH_2C(CH_3)_2CH_2O_2C(CH_2)_4CO-$

Property	Test Method	Value
Physical State	-	Viscous Liquid
Appearance	-	Yellowish Liquid (no mechanical impurities)
Density (20°C, g/cm ³)	ASTM D 1045	1,05-1,11
Ester Content (%)	GC-Home Method	≥ 95
Refractive Index (20°C)	ASTM D 1045	1,4630-1,4650
Viscosity (20°C, cP)	ASTM D 1045	≥ 1600
Flash Point (°C)	ASTM D 93	≥ 158
Acidity (mg KOH/g)	ASTM D 1045	≤ 2,0

Optafleks Polymeric 50 is based on polyhydric alcohol (NPG) and Adipic Acid. It is compatible with homopolymer and copolymer vinyl resins.

Optafleks Polymeric 50 is primarily used to plasticize vinyl resins. It provides improved low temperature flexibility, low volatility and processing parameters for the finished products.

Optafleks Polymeric 50 is compatible with Plastay's General Purpose Plasticizers: **Sunfleks**, **Inafleks**, **Versafleks**.

Optafleks Polymeric 50 provides lower initial viscosity both to organosols and plastisols leading to higher durability of the finished product.

Certificates

According to REACH Regulation (EC) No. 1907/2006 **Optafleks Polymeric 50** does not require registration.

Worldwide Delivery

