

Diacetyl epoxidized vegetable-oleic acid glyceride HM-828

HM-828 is with vegetable oil as raw material, followed by ester exchange, high temperature esterification, acetylation and epoxidation step to synthesize a kind of universal environmental protection plasticizer, which is used as main plasticizer.

Appearance	Perusal	Clear oily yellowish liquid
Color and luster (Pt-Co) ≤	GB/T 1664-1995	150
Acid value (KOH)/(mg/g) ≤	GB/T 1668-2008	2
Iodine value/% ≤	GB/T 1676-2008	5
Epoxy value/% ≥	GB/T 1677-2008	3.0
	ASTM D 1652-04	3.6
Relative density (20°C)/(g/cm ³)	GB/T 4472-2011	0.9900 ~ 1.0500
Flash point /°C ≥	GB/T 1671-2008	230
Moisture (Weight)/% ≤	C20 Karl Fischer Moisture Analyzer	0.2

Characteristics: good compatibility with PVC resin, low viscosity, good plasticizing performance, good flexibility of end products, smaller thermal ageing quality loss of end products, excellent performances in migration and extraction resistance.

Usage: It is used for not only biodegradable plastics such as PLA/PBAT, but also leather, film, paint and ink industry etc .

Package: 200kg/ iron drum, 1000kg/ IBC, flexitank.

Remarks: Freezing point is 5~10°C. If it's frozen, heat it to 25°C and it can return to normal condition without affecting quality.

