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PRODUCT SPECIFICATION

产品规格书

Product Name	Epoxidized Soybean Oil (ESBO) Epoxy Value 6.6% Min	**Grade / Model**	Industrial PVC plasticizer/heat-costabilizer grade, epoxy value ≥6.6% (ASTM D1652-04)
CAS No.	8013-07-8	**Executive Standard**	Jiaao Enprotech public ESO technical parameters; epoxy value by ASTM D1652-04. Other tests follow the manufacturer's published product specification and the agreed Richest COA.
Revision Date	2026-11-16	**HS Code**	1518.00 (chemically modified animal or vegetable fats and oils; ECHEMI lists 15180000; confirm destination-country suffix)

No.	Item	Specification
1	Appearance	Light yellow oily liquid
2	Epoxy value	≥6.6% (ASTM D1652-04)
3	Color	≤170 Pt-Co
4	Acid value	≤0.5 mg KOH/g
5	Iodine value	≤5.0%
6	Flash point, open cup	≥280 °C
7	Density at 20 °C	0.988–0.998 g/cm³
8	Moisture	≤0.2%

Remarks: Packing: 200 kg iron drums, 1000 kg IBC tanks or 22 MT flexitanks (Jiaao Enprotech; https://www.jiaaoplasticizers.com/epoxidized-soybean-oil-plasticizer).. Storage: Keep tightly closed in a dry, cool, clean and well-ventilated warehouse, away from food, incompatible materials, direct light and excessive heat. Protect containers from leakage and rain. Jiaao states normal storage of over one year; actual shelf life must be confirmed on the Richest COA.

Specification basis: Public manufacturer specification; final supply subject to Richest COA. Jiaao Enprotech's saleable ESO grade with epoxy value ≥6.6% is selected for all quality parameters and packaging; public CAS-specific SDS information is used for GHS and transport.