

Epoxidized Soybean Oil (ESBO) COA

Re-Plastic Global

Product Name: Epoxidized Soybean Oil (ESBO)

CAS No.: 8013-07-8

Batch No.: 2026061504

Date of Issue: 2026-06-15

Specifications & Test Results

Item	Unit	Specification	Result
Appearance	-	Light Yellow Transparent Liquid	Pass
Epoxy Value	%	≥ 6.0	6.2
Acid Value	mgKOH/g	≤ 0.6	0.3
Iodine Value	gI ₂ /100g	≤ 5.0	3.8
Color (Gardner)	-	≤ 3	2
Density (20°C)	g/cm ³	0.985 – 0.999	0.992
Viscosity (25°C)	mPa · s	300 – 450	360
Moisture Content	%	≤ 0.1	0.05
Heating Loss	%	≤ 0.3	0.12

Manufacturer / Supplier Information

Company: Re-Plastic Global (Qingdao) Materials Recycling Co., Ltd.

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Checked by: Quality Control Department

Date: 2026-06-15

We hereby certify that samples were drawn at random and tested in our laboratory. The above data is accurate and representative of the tested batch.

