



Chemical Information

- ✓ **Product** DOA
- ✓ **Chemical Name** Di(2-ethylhexyl) adipate
- ✓ **Molecular Formula** $C_{22}H_{42}O_4$
- ✓ **CAS No** 103-23-1

✓ Major Properties

Excellent in low temperature resistance, and good Sol viscosity stability

✓ Major Uses

Film, Sheet, Wall Paper, Flooring Sheet, Toys

✓ Applicable Plastics

PVC, PS, Cellulose-based resin

Product Specification

Test Item	Unit	Spec.	Test Method
Color	APHA	15 ↓	JIS K6751
Specific Gravity	20/20°C	0.927 ± 0.003	JIS K6751
Acid Value	KOH mg/g	0.04 ↓	JIS K6751
Ester Value	wt%	99.0 ↑	G/C
Refraction Index	n.25/D	1.446 ± 0.003	JIS K6751
Heat Loss	125°C, 3hr, wt%	0.10 ↓	JIS K6751
Volume Resistance	Ω-cm, 30°C	5 x 10 ¹¹ ↑	JIS K6751

Other Information

✓ No specific information