



Chemical Information

✓ **Product** DOA

✓ **Chemical Name** Di(2-ethylhexyl) adipate

✓ **Chemical 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	Max 15	JIS K6751
Specific Gravity	20/20°C	0.927 ± 0.003	JIS K6751
Acid Value	KOH mg/g	Max 0.04	JIS K6751
Ester Contents	wt%	Min 99.6	G/C
Refractive Index	n.25/D	1.446 ± 0.003	JIS K6751
Heat Loss	125°C, 3hr, wt%	Max 0.10	JIS K6751
Volume Resistance	Ω-cm, 30°C	Min 5 x 10 ¹¹	JIS K6751

Other Information

✓ **No specific information**