

DOS (DI 2-ETHYLHEXYL SEBACATE)

DOS excels at brittle resistance at low temperature, volatile and insulation properties.
 ※DOS is used for the plasticizer of synthetic elastomer, the base oil of grease, for the lubricant, for the antirust.

Constitutional Formula	$(\text{CH}_2)_8 \begin{cases} \text{COOC}_8\text{H}_{17} \\ \text{COOC}_8\text{H}_{17} \end{cases}$		
Physicality	molecular weight	426	
	boiling point	250	(°C 5mmHg)
	flash point	222	(°C COC)
	viscosity	15	(cps 30°C)
	current point	-65	(°C)
	specific gravity	0.915	(20°C)
Specification	Color shade	under 30	(APHA)
	acid value	under 0.03	(KOH•mg/g)
	ester value	263+/-3	(KOH•mg/g)
	heating loss		(%)
	acid value ater heating	under0.1	(KOH•mg/g)
	volume resistivity	under0.1	(Ωcm)
	value	under0.2	(20/20°C)
	specfic gravity	up	(25°C)
	refractive index	0.915+/-0.003	
		1.450+/-0.003	
Packing	Iron drum	180kgs/ 1 drum	
Others	FDA No.	177.1210 178.3910	
	CAS No.	000122-62-3	
	TSCA No.	122-62-3	
	EINECS No.	2045588	