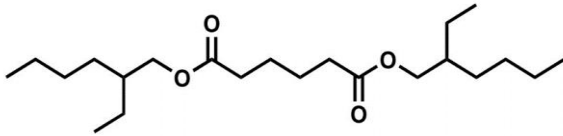


Product name	SANSO CIZER DOA	
Chemical name	Bis(2-ethylhexyl) adipate	
Molecular formula (M.W.)	C22H42O4(371)	Structural formula of DOA 
ENCS No	2-861	
CAS RN [®]	103-23-1	
EINECS No	203-090-1	
TSCA	Listed	

Feature/Function	DOA is a representative cold-resistant plasticizer. It has relatively good miscibility, high plasticization efficiency, and less thermal coloration. As it is suitable for blending which requires enhanced cold resistance, it is used with primary plasticizers such as DOP and DINP.
Applications	Food wraps, Films, Leathers, etc.

<Representative properties>		<PVC performance (Plasticizer 50phr)>	
Color (Hazen)	≤30	Hardness	A 78
Specific gravity (20/20°C)	0.924-0.930	Tensile test 100% Modulus (MPa)	7.3
Refractive index (25°C)	1.443-1.449	Clash & Berg (°C)	-51
Loss on heating (%)	≤0.10	Weight loss (%) 170°C, 60 min	13.3
Acid value (mgKOH/g)	≤0.04		
Ester value (mgKOH/g)	300-305		
Specific volume resistivity (Ω · cm 30°C)	≥5×10 ¹¹		
Flash point (°C)	205		

Packing	Bulk, Drum(190kg), Can(17kg)
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For inquiries, contact us:	New Japan Chemical co., Ltd. Polymer Materials Marketing & Sales Dept. +81-3-5540-8106
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<About handling of the descriptions herein>

Descriptions herein were created based on materials, information, and data that have been obtained to date, but the data, evaluations, risks, etc. described are not warranted at all. In addition, the items described are intended for usual ways of handling, and therefore if the product is handled in a special manner, handle it after taking a safety measure appropriate for the application or usage.