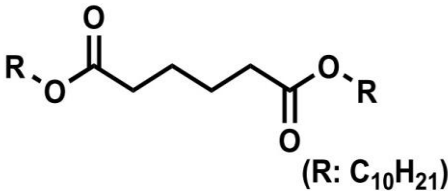


Product name	SANSO CIZER DIDA	
Chemical name	Diisodecyl adipate	
Molecular formula (M.W.)	C26H50O4(427)	Structural formula of DIDA 
ENCS No	2-861	
CAS RN [®]	27178-16-1	
EINECS No	248-299-9	
TSCA	Listed	

Feature/Function	With the same molecular weight as that of DOS, DIDA shows comparable miscibility, plasticization efficiency, low flexibility, volatility resistance, migration resistance, and extraction resistance. These characteristics of DIDA are suitable for blending in place of DOS and DOZ. DIDA is used as an excellent cold-resistant plasticizer. It also gets a favorable reception as a lubricant.
Applications	Food wraps, Films, lubricants, etc.

<Representative properties>		<PVC performance (Plasticizer 50phr)>	
Color (Hazen)	≤30	Hardness	A 86
Specific gravity (20/20°C)	0.915-0.921	Tensile test 100% Modulus (MPa)	9.4
Refractive index (25°C)	1.448-1.454	Clash & Berg (°C)	-46
Loss on heating (%)	≤0.1	Weight loss (%) 170°C, 60 min	4.4
Acid value (mgKOH/g)	≤0.04		
Ester value (mgKOH/g)	260-265		
Specific volume resistivity (Ω · cm 30°C)	≥1×10 ¹²		
Flash point (°C)	229		

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.

