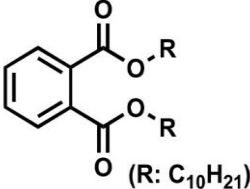


Product name	SANSO CIZER DIDP	
Chemical name	Diisodecyl phthalate	
Molecular formula (M.W.)	C ₂₈ H ₄₆ O ₄ (447)	Structural formula of DIDP
ENCS No	3-1307	
CAS RN [®]	26761-40-0	
EINECS No	247-977-1	
TSCA	Listed	

Feature/Function	DIDP(Diisodecyl phthalate) has almost the same level of miscibility with vinyl chloride as that of DOP(DEHP,Phthalic acid bis(2-ethylhexyl ester), and additionally has a higher molecular weight than that of DOP. For these reasons, it has excellent retention property in terms of volatility resistance, water resistance, oil resistance, migration resistance, etc.
Applications	Films, Sheets, High-grade Leathers, Electric wires, etc.

<Representative properties>		<PVC performance (Plasticizer 50phr)>	
Color (Hazen)	≤30	Hardness	A 85
Specific gravity (20/20°C)	0.965-0.971	Tensile test 100% Modulus (MPa)	11.0
Refractive index (25°C)	1.481-1.487	Clash & Berg (°C)	-21
Loss on heating (%)	≤0.08	Weight loss (%) 170°C, 60 min	2.8
Acid value (mgKOH/g)	≤0.07		
Ester value (mgKOH/g)	246-252		
Specific volume resistivity (Ω・cm 30°C)	≥5×10 ¹¹		
Flash point (°C)	234		

Packing	Bulk, Drum(200kg), 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.

