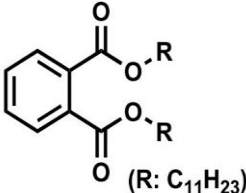


Product name	SANSO CIZER DUP	
Chemical name	Diundecyl phthalate, branched and linear	
Molecular formula (M.W.)	C30H50O4(475)	Structural formula of DUP 
ENCS No	3-1307	
CAS RN [®]	85507-79-5	
EINECS No	287-401-6	
TSCA	Listed	

Feature/Function	DUP is phthalate ester of undecyl alcohol (C11). It is an excellent primary plasticizer. Particularly, it has favorable cold resistance and volatility resistance, and as a matter of course, undergoes less physical property change after being aged. It is used in a wide variety of areas.
Applications	High-grade Leathers, Heat-resistant electric wires, Films, Sheets, etc.

<Representative properties>		<PVC performance (Plasticizer 50phr)>	
Color (Hazen)	≤30	Hardness	A 88
Specific gravity (20/20°C)	0.952-0.958	Tensile test 100% Modulus (MPa)	10.8
Refractive index (25°C)	1.478-1.484	Clash & Berg (°C)	-32
Loss on heating (%)	≤0.05	Weight loss (%) 170°C, 60 min	1.3
Acid value (mgKOH/g)	≤0.05		
Ester value (mgKOH/g)	230-240		
Specific volume resistivity (Ω · cm 30°C)	≥3×10 ¹¹		
Flash point (°C)	239		

Packing	Bulk, Drum(190kg), Can(17kg)
---------	------------------------------

For inquiries, contact us:	New Japan Chemical co., Ltd. Polymer Materials Marketing & Sales Dept. +81-3-5540-8106
----------------------------	--

<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.

