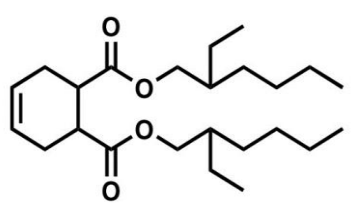


Product name	SANSO CIZER DOTH	
Chemical name	Bis(2-ethylhexyl) 4-cyclohexene-1,2-dicarboxylate	
Molecular formula (M.W.)	C ₂₄ H ₄₂ O ₄ (395)	Structural formula of DOTH 
ENCS No	3-2437	
CAS RN [®]	2915-49-3	
EINECS No	Unlisted	
TSCA	Unlisted	

Feature/Function	DOTH is a primary plasticizer synthesized from cis-1,2,3,6-Tetrahydrophthalic anhydride and 2-ethylhexanol which are produced by only our company. Compared to phthalate esters, it has superior cold resistance and sol viscosity stability. In addition, the plasticizer itself has low viscosity, thereby making it easier to handle.
Applications	Plasticizer for vinyl chloride and rubbers, etc.

<Representative properties>		<PVC performance (Plasticizer 50phr)>	
Color (Hazen)	≤50	Hardness	A 81
Specific gravity (20/20°C)	0.966-0.972	Tensile test 100% Modulus (MPa)	9.2
Refractive index (25°C)	1.463-1.467	Clash & Berg (°C)	-29
Loss on heating (%)	≤0.1	Weight loss (%) 170°C, 60 min	14.3
Acid value (mgKOH/g)	≤0.2		
Ester value (mgKOH/g)	276-284		
Iodine value (I _g /100g)	62-66		
Flash point (°C)	202		

Packing	Drum(200kg), Can(18kg)
---------	------------------------

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.

