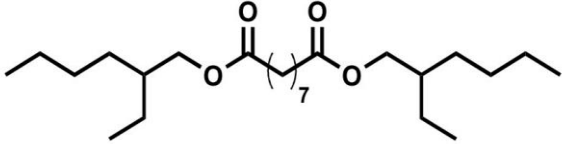


Product name	<b>SANSO CIZER DOZ</b>	
Chemical name	Bis(2-ethylhexyl) azelate	
Molecular formula (M.W.)	C <sub>25</sub> H <sub>48</sub> O <sub>4</sub> (413)	Structural formula of DOZ 
ENCS No	2-879	
CAS RN <sup>®</sup>	103-24-2	
EINECS No	203-091-7	
TSCA	Listed	

Feature/Function	DOZ is a good cold-resistant plasticizer, with a molecular weight close to DOS and capabilities similar to DOS. As a plasticizer, it has superior heat resistance and weather resistance compared to DOA. The viscosity stability of plastisol is also favorable. Also as a lubricant, it is almost equal to DOS in terms of lubricating property, viscosity characteristic, flash point, heat resistance, etc.
Applications	Leathers, sheets, Films, electric wires, paints, lubricants, greases, etc.

<Representative properties>		<PVC performance (Plasticizer 50phr)>	
Color (Hazen)	≤50	Hardness	A 80
Specific gravity (20/20°C)	0.914-0.920	Tensile test 100% Modulus (MPa)	8.3
Refractive index (25°C)	1.445-1.451	Clash & Berg (°C)	-53
Loss on heating (%)	≤0.1	Weight loss (%) 170°C, 60 min	9.9
Acid value (mgKOH/g)	≤0.04		
Ester value (mgKOH/g)	269-273		
Specific volume resistivity (Ω · cm 30°C)	≥1×10 <sup>12</sup>		
Flash point (°C)	213		

Packing	Bulk, Drum(190kg), Can(15kg)
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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.

