

Product Data Sheet

DOS

Di Octyl Sebacate is the typical high quality cold resistance PVC plasticizers with high plasticizing efficiency and low colour distortion. DOS has favorable lubricating action when processing and is often added with phthalate to make cold resisting agricultural film, cable clad, artificial leather, outdoor water tube, and frozen food packaging film and so on. It can also be used in many synthetics rubber where low temperature performance is required and cold resisting plasticizer for Nitro Cellulose, Ethyl Cellulose, Polystyrene, Vinyl Chloride Copolymer and so on.

SPECIFICATIONS

Acid number mgKOH/gm (max)	:	0.3
Appearance	:	Clear liquid
Color in Hazen (Max)	:	70
Purity by Ester, % min	:	98

TYPICAL PROPERTIES

Acidity (as % Sebacic Acid)	:	0.05
Flash point, °F, (Closed Cup)	:	420 - 430
Melting point, °C	:	- 55
Boiling Point °F @ 4 mmHg	:	450 – 480
Molecular weight	:	426
Odor	:	mild ester odour
Specific Gravity, 25°C/25°C	:	0.91 ± 0.003

PACKING

Available in 180 Kgs HDPE barrels or bulk load in tanker.