

D.O.T.P.

DI 2-ETHYLHEXYL TEREPHTHALATE



D.O.T.P. demonstrates high compatibility with PVC resins, resulting in favorable processing characteristics. It serves as an effective replacement for ortho-phthalate plasticizers, particularly in applications demanding enhanced tensile strength and ease of processing. The inherent low volatility and migration properties of D.O.T.P. render it suitable for a broad range of PVC and rubber applications where long-term performance and dimensional stability are of utmost importance.

PROPERTIES	LIMIT	TYPICAL VALUE	UNIT	TEST METHODS
Density (20°C)	0,981 – 0,986	0,982	gr/cm ³	ASTM D287-12B
Refractive Index (20°C)	1,4894 – 1,4896	1,4895		ASTM D1218-12
Acidity	0,1 max.	0,05	mgKOH/g	ASTM D1045-08
Viscosity (20°C)	80 – 95	83	mPa.s	ASTM D445-12
Flash Point	> 220	228	°C	ASTM D92-12B
Ester Content	99,5	99,8	%	GC
Water Content	0,05 max.	0,025	%	ASTM E1064-16
Colour	20 max.	13	Hazen	ASTM D1209-00
Free 2EH Content	250 max.	150	ppm	GC
Cas No	6422-86-2			
EC No	229-176-9			

