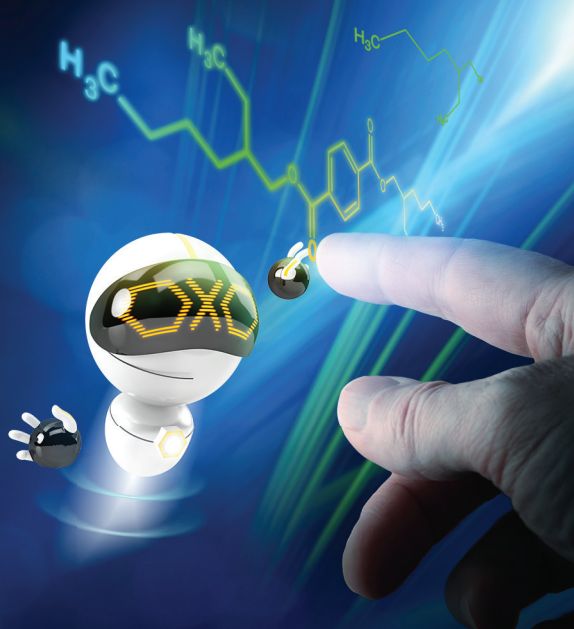


Plasticizers

Oxoplast Medica®

ALWAYS WHERE YOU NEED IT



Grupa Azoty ZAK S.A.
ul. Mostowa 30 A
47-220 Kędzierzyn-Koźle
Poland
phone: +48 77 481 20 00
e-mail: oxoplast@grupazoty.com



Oxoplast.com


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Grupa Azoty ZAK S.A.

Oxoplast Medica®

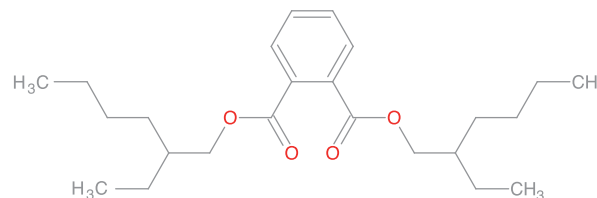
Trade name: Oxoplast Medica®

Chemical name: Bis(2-ethylhexyl) phthalate; Di(2-ethylhexyl) phthalate; DEHP

CN: 2917 32 00

CAS: 117-81-7

PKWiU: 20.14.34.0



Item	Specification	Value	Unit	Test method	Foreign equivalent
1	Colour, Pt-Co scale,	max. 30	[°Hz]	PN-C-04534-01:1981	DIN ISO 6271
2	Flash point,	min. 206	[°C]	PN-EN ISO 2592:2008	ISO 2592
3	Volatile matter content (150°C/2 h),	max. 0.4	[wt %]	ZAK's internal method	No equivalent
4	Esters as di(2-ethylhexyl) phthalate,	min. 99.5	[wt %]	PN-C-88035:1977	ISO 1385/V
5	Di(2-ethylhexyl) phthalate content,	min. 99.5	[wt %]	ZAK's internal method (GC)	GC
6	Density at 20°C,	min. 0.983 max. 0.986	[g/cm ³]	PN-C-04504:1992	Areometric method
7	Free acids as phthalic acid,	max. 0.010	[wt %]	PN-C-89401:1988	ISO 1385/IV
8	Water content,	max. 0.10	[wt %]	PN-ISO 760:2001	ISO 760
9	Metals content,	Cd max. 0.1 Sn max. 1.0 Zn max. 10 Ba max. 1.0 Ca max. 10	[ppm]	Internal Method ICP-OES	ICP-OES
10	Absorbance (260 nm; water extract),	max. 0.3	[]	According to Ph. Eur. 8th Edition	According to Ph. Eur. 8th Edition
11	Reducing substances (water extract),	max. 0.1	[ml]	According to Ph. Eur. 8th Edition	According to Ph. Eur. 8th Edition

General requirements:

Oxoplast Medica® is an oily liquid, colourless or straw-yellow, with no mechanical impurities.

Application(s):

Oxoplast Medica® is used as a plasticiser in the processing of plastics, and in the production of paints and lacquers.