



Meltem Kimya ve Tekstil İth. İhr. San. ve Tic. Ltd. Şti.  
Pet Resin, Plasticers & PVC Floor Covers

Adana- Turkey

rev: 01  
15.01.2013

## DOA PLASTICISER (DIOCTYL ADIPATE)

PARAMETER	VALUE	METHOD
MOLECULAR WEIGHT	370,57	
FORMULA	$C_{22}H_{42}O_4$	
Hazen COLOR (Pt-Co Scale)	Max.50	ASTM D1045-08(1209)
ESTER CONTENT (GC-MS) ( % )	Min.99,5	ASTM D3465
ACIDITY (as adipic acid - wt %)	0,03 (± 0,01)	ASTM D1045-08
SPECIFIC GRAVITY @ 20°C ( g/cm <sup>3</sup> )	0,920 (±0,003)	ASTM D1045-08(D287-D4052)
REFRACTIVE INDEX ( n <sup>D</sup> 20 )	1,4490 (± 0,001)	ASTM D1045-08(D1218)
VISCOSITY @25°C ( cP )	20 (± 0,003)	BROOKFIELD METHOD
OPEN CUP FLASH POINT ( °C )	195 (± 3)	ASTM D-92
WATER CONTENT (KARL FISHER)	<0,01	ASTM D1045-08(E203)
VAPOUR PRESSURE @25°C ( mBar )	0,01	
FREEZING POINT ( °C )	< -70	
BOILING POINT @ 760 mm Hg (°C )	417	

**Operating with:**

ISO 9001-2000  
ISO 14001  
OHSAS 18001-2004  
TSE

**Approved by:**

Mr.Ibrahim Soylemez

**Address:**

Hacı Sabancı Organize Sanayi Bölgesi  
İstiklal Cad. No11  
Adana 01351,Turkey  
[www.meltemkimya.com.tr](http://www.meltemkimya.com.tr)