

**MELFLEX®**

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

Adana- Turkey

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**MELFLEX PLASTICISER  
DOTP-V ( DIOCTYL TEREPHTHALATE )**

PARAMETER	VALUE	METHOD
MOLECULAR WEIGHT	390,57	
FORMULA	$C_{24}H_{38}O_4$	
FORM	LIQUID	
COLOR (Pt-Co Scale)	Max.20	ASTM D1045-08(1209)
ESTER CONTENT (GC-MS) ( % )	Min.99,8	ASTM D3465
ACIDITY (as phthalic acid - wt %)	0,02 (± 0,01)	ASTM D1045-08
SPECIFIC GRAVITY @ 20°C ( g/cm <sup>3</sup> )	0,980 (±0,005)	ASTM D1045-08(D287-D4052)
REFRACTIVE INDEX ( n <sup>D</sup> 20 )	1,4895 (± 0,001)	ASTM D1045-08(D1218)
VISCOSITY @25°C ( cP )	60 (± 10)	BROOKFIELD METHOD
WATER CONTENT (KARL FISHER)	NONE	ASTM D1045-08(E203)
FREEZING POINT ( °C )	-48	
BOILING POINT @ 760 mm Hg (°C )	400	
OPEN CUP FLASH POINT ( °C )	218 (± 3)	ASTM D-92
VAPOR PRESSURE (%)	217 (1,33mbar)	
VOLATILE SUBSTANCES (%)3hours at 1250C	Max. 0,5	ILL 003/1-04-48

**Operating with:**

ISO 9001-2000  
ISO 14001  
OHSAS 18001-2004  
TSE

**Approved by:**

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