

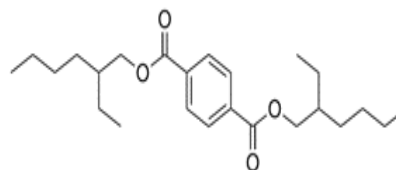
# Technical Data Sheet

MAY 2017, REV:02

## MELFLEX<sup>®</sup> DOTP-HP

(Bis (2-ethylhexyl) Terephthalate)

CAS NUMBER: 6422-86-2  
EINECS NUMBER: 229-176-9  
REACH REF. NUMBER: 01-2119446265-39-0007  
MOLECULAR FORMULA: C<sub>24</sub>H<sub>38</sub>O<sub>4</sub>  
MOLECULAR WEIGHT: 390.57



PARAMETERS	VALUE	METHODS
ESTER %	> 99,00	ASTM D3465
REFRACTIVE INDEX (Typical Value)	1,4895	ASTM D1045-08(D1218)
SPECIFIC GRAVITY 20/20°C (g/cm <sup>3</sup> )	0,990 ± 0,008	ASTM D1045-08(D287-D4052)
VISCOSITY (cP) 20°C	105 ± 25	BROOKFIELD METHOD
ACIDITY( as mgKOH/g ) (%)	2,0 Max.	ASTM D1045-08
WATER CONTENT (Karl Fischer) %	0,05 Max.	ASTM D1045-08(E203)
OPEN CUP FLASH POINT(COC),°C	> 190	ASTM D-92
VOLALITE SUBSTANCE (3 hours at 125°C) %	0,6 Max.	ILL 003/1-04-48
APPEARANCE	Clear and Amber colour	VISUAL EXAMINATION

### Applications:

Films, sheets, table cloths, conveyor belts, artificial leathers, wall coverings, strips, profiles, shingles, wires, cables, shoe soles, sealants, shades



PET Resin, Plasticers & PVC FloorCover

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Operating With: ISO 9001-2000, ISO 14001, OHSAS 18001-2004, TSE