

Technical data sheet

DIPLAST[®] TM 13

Version: January 2016

Chemical composition: Tri-isotridecyl trimellitate

CAS number: 72361-35-4

EINECS number: 276-594-2

Specifications

Characteristics	Unit	Value	Test method	
Residual alcohol	%	0.0 – 0.1	PL 10C	
Density at 20°C	g/ml	0.9510 - 0.9570	GM 012	ASTM D 4052-96
Refractive index n ²⁰ _D		1.4820 - 1.4870	GM 020	ASTM D 1045-96
Colour	Pt – Co	120 max.	PL02F	ASTM D 14045/D ASTM D 1209
Acidity	mgKOH/g	0.1 max.	PL02C	ASTM D 1045-95
Water content	%	0.1max.	GM 010	ASTM E 203-96
Ester content	%	99.5 min.	PL10C	G.C.
Viscosity at 20°C	mPa·s	1300 - 1500	GM 022	ASTM D 445-96
Viscosity a 40°C	cSt	310 - 340	GM 022	ASTM D 445-96
Viscosity a 100°C	cSt	19.70 – 21.70	GM 022	ASTM D 445-96
Pour Point	°C	<-7	PL12F	ASTM D 92-96
Flash Point coc	°C	> 270	PL15C	ASTM D 97

DIPLAST[®] TM 13 is a pale yellow liquid, anhydrous, clear and free from matter in suspension. It is miscible with common organic solvents, practically insoluble in water and miscible and compatible with most of the monomeric plasticizers usually utilised to soften PVC.

The product **DIPLAST[®] TM 13** due to its nature does not have a shelf life. However it can be stored in appropriate containers at a temperature of approximately 25°C and the exclusion of humidity for at least 1 year, without losing its chemical properties.

For further information on the characteristics and properties of **DIPLAST[®] TM 13** in the liquid state, see the relevant EC-standard Materials Safety Data Sheet.

The information contained here is correct and accurate and is based on our technical and scientific knowledge at the date of going to press.

Such information is, in all cases, relevant only with respect to the product as used in its pure state and only for the uses referred to in this publication.

Nothing stated here may be taken or construed as implying a breach of existing patents.

No warranty, either expressed or implicit, is given with regard to the results to be obtained from using this information.

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First emission 01/06/2003