

## *Technical data sheet*

### **Methyltetrahydrophthalic anhydride 604F-K3 (MTHPA 604F-K3)**

Version: 01 date: March 2013

#### **Chemical Composition**

MTHPA 604F-K3 is a pre-accelerated blend of cycloaliphatic anhydrides. Main components are MTHPA isomers.

#### **Product specification**

Characteristics	Unit	Value	Method*	Reference
Appearance		Clear liquid	L000	
Anhydride Equivalent		160 ÷ 170	L001	
Colour	Gardner	7 max	GM011	ASTM D-1544
Viscosity @ 25°C	mPa.s	80 ÷ 130	G006	DIN 53015
Gel time @ 100°C	min.	10 ÷ 13	L032	

\* Internal methods available upon request.

## Typical properties

Characteristics	Unit	Value
Density @ 25°C	g/ml	1,212
Refractive index $n_D^{25}$		1,505

## Main applications

MTHPA 604F-K3 is mainly used as curing agent for epoxy resins.

Thanks to its low viscosity MTHPA 604F-K3 can be easily blended with various liquid resins providing stable, low viscous mixtures and long pot lives.

It finds main uses in the following applications:

- Casting / Potting
- Impregnation
- Lamination
- Filament winding

## Handling

Packaging:                   galvanized drum 220 kg;  
                                      bulk;  
                                      IBC 1100 Kg

Storage:                    It must be stored away from open flames or other potential ignition sources, and should be protected from moisture. It easily crystallizes when into contact with the air moisture. During the winter season MTHPA 604F-K3 may solidify, but it can be easily remelted by simply heating without any effect on product quality.

Shelf life:                   12 months from production date.

*The information contained in this sheet is correct and accurate and is based on our technical and scientific knowledge and on literature at the date of going to press. Such information relates only to use of the products in the pure state and for the purposes stated herein. Nothing stated here may be taken or construed as implying of any existing patents. Nor is any warranty, whether explicit or implicit, given with regard to results to be obtained through the use of the aforesaid information.*

### Technical Data Sheet

#### **Methyltetrahydrophthalic anhydride 604F-K3 (MTHPA 604F-K3)**