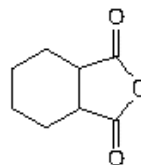


AN 7030

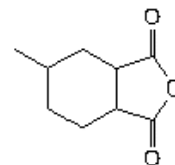
Description

Anhydride 70/30 is a blend of cycloaliphatic anhydrides manufactured by Polynt SpA. Its main components are Hexahydrophthalic anhydride (HHPA) and Methylhexahydrophthalic anhydride (MHHPA), but it remains a low viscosity liquid. Anhydride 70/30 is mainly used as hardener for epoxy resin. It provides excellent mechanical, electrical and chemical properties as well as good color retention. It is particularly recommended for insulating goods used in external applications.

Equivalent Weight (theoretical): 158.4
CAS # 19438-60-9 (MHHPA) & 85-42-7 (HHPA)



HHPA



MHHPA

Typical Applications

- LED and display production
- Outdoor power distribution castings
- Automotive clear coats

Specifications

Appearance	Clear liquid
Color (Hz)	50 Max.
% Acid content	0.5 Max.
% Purity	99.0 Min.
Viscosity @ 25°C	70-90 cps
Refractive index n_D^{25}	1.475 – 1.485

Typical Formulation

BV-179	100
AN 7030	100
AC-8	1.5

Cure 1 hr @ 100°C + 3 hrs @ 150°C

Properties

Density @25°C, g/ml	1.188
Viscosity @25°C, cps	76.0
Vapor Pressure @120°C, mmHg	4.0
Heat Deflection Temperature, °C	145
Tensile Strength, psi	11,700
Flexural Strength, psi	17,900
Dielectric constant 25°C, 60 cy	3.2
Dielectric constant 25°C, 10 ⁶ cy	3.1



Packaging

AN 7030 is available in galvanized steel drums of 220 kg, or in bulk. Upon request, other forms of packaging can be made available.

Storage

AN 7030 must be stored at no less than 15°C. AN 7030 must be stored away from open flames or other potential ignition sources, and should be protected from moisture. AN7030 can crystallize when it's in contact with the humidity of the air. When some crystallization occurs, check the properties before reusing.

Shelf Life: 6 months from production date.

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