

Non-crystalline film with excellent transparency and dimensional stability

Polyanol film

PALF 50

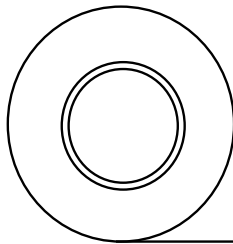
Construction

Polyanol is an amorphous film composed of divalent phenol, phthalic acid, and carboxylic acid.

Feature

1. Transparency
2. High frequency characteristics
3. High heat resistance
4. Dimensional stability
5. Low water absorption rate

Constitution

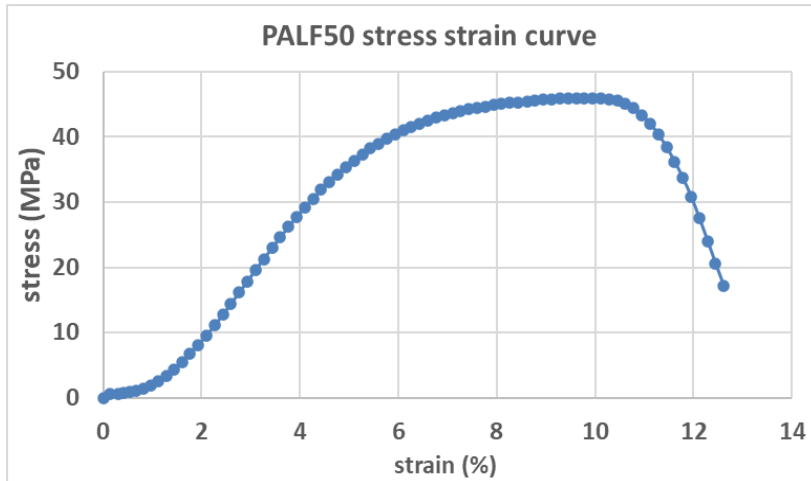


Polyanol film 50μ

Basic characteristics

Characteristics	Numerical value	Unit
Specific gravity	1.2~1.3	-
Water absorption rate	0.2	%
Heat resistant temperature	194~270	°C
Coefficient of thermal expansion	82	ppm/°C
Thermal conductivity	0.38	W/m·K
Permittivity	3.09	-
Dielectric breakdown voltage	210	kV/mm
Tensile strength	60	MPa
Total transmittance	92	%
Refraction index	1.68	-
Young's modulus	9.2	MPa

*These figures are not guaranteed values.



- Main applications**
- (1) Diaphragm for audio equipment
 - (2) For IC chip mounting
 - (3) ACF antenna fixing



Cautions

User is responsible for determining whether the KGK product is fit for a particular purpose and suitable for user's method of application. Please remember that many factors can affect the use and performance of a KGK product in a particular application. The materials to be bonded with the product, the surface preparation of those materials, the product selected for use, the conditions in which the product is used, and the time and environmental conditions in which the product is expected to perform are among the many factors that can affect the use and performance of a KGK product. Given the variety of factors that can affect the use and performance of a KGK product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the KGK product to determine whether it is fit for a particular purpose and suitable for the user's method of application. KGK make no warranties on above data.

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