

TKG® Hp2061

Density 1,30-1,40 g/cm³

Colour Brown

Designation Stratified insulator made from kraft paper and phenolic resin. Type Hp2061 DIN 7735

PROPERTIES	RESULT	UNIT	PARAMETER	NORM USED
Mechanical properties				
Tensile strength	110	MPa	20°C	UNE 53189
Impact strength (Charpy)	20	Kj/m ²	20°C	UNE 53189
Compression strength	220	MPa	20°C	UNE 53189
Cross breaking strength	135	MPa	20°C	ISO 1642 UNE 53189
Electrical properties				
Electric strength 1'	10	kV		UNE 53189
Miscellaneous properties				
Water absorption	2 mm – 500 mg.		24h	ISO 1642 UNE 53189
Thermic class	E – 120°C		-	CEI Pub.85

Previous treatment a: Submerged in oil at 90°C for 5' per mm. thickness

MAIN CHARACTERISTICS

Excellent mechanical properties
Medium dielectric properties
Excellent punching capability
Medium hygrometric sensitivity

INDUSTRY APPLICATIONS

Control panels plates and finished components for the electromechanical industry. Great for punched pieces at room temperature.
Normal applications with high or low tension within a dry environment or submerged in mineral oil.

Notice: The information given was made with our knowledge indicating our product's possible applications. Existing commercial patents must be observed. These values represent averages taken from samples, so we reserve the right of technical alterations. We cannot give a legally binding guarantee of certain properties or the suitability for a specific application. The customer is solely responsible for the quality and suitability of products for the application and has to test usage and processing prior to use. Data sheet values are subject to periodic review, the most recent update can be found at www.traidvillarroya.com. Traidamid, TKG and TVH as well as their logos are registered trademarks of the Traid Villarroja group of companies, in Europe and other countries.