

Data Sheet

Dexnyl® PEEK TALK 30 SF Film_22_EN

Dexnyl® PEEK TALK 30 SF Film is a partial crystalline thermoplastic Film made of Polyetheretherketone with anorganic Filler – talcum.

Main characteristics :

- ° Improved thermal conductivity
- ° Good chemical resistance
- ° Good thermal resistance

Physical Properties

Density	ISO 1183	g/cm ³	1,30
Crystalline Melting Point		°C	343

Mechanical Properties

Yield Tensile Strength at 23°C	ISO 527	N/mm ²	90
Tensile Elongation at 23°C	ISO 527	%	5
Tensile Modulus	ISO 527	N/mm ²	6000

Electric Properties

Dielectric Strength	IEC 243	kv/mm	160
---------------------	---------	-------	-----

Thermal Properties

Long-term service temperature	UL746B	°C	200
Thermal conductivity x 10 ²	DIN 52612	W/mK	43

Values and measurements in this datasheet are based on our experience and technical knowledge. These values are mean values from laboratory tests and are not ment to be sales specifications. Measurements were done with 50micron thick film.

Distributed by

BIEGLO GmbH

Bahrenfelderstr. 242
22765 Hamburg
+49 40 4011 30000
info@bieglo.com
www.bieglo.com

The specified values are established from average values of several tests and they correspond to our today's knowledge. They are only to be used as information about our products and as help for the material selection. With these values, we do not ensure specific properties, or the suitability for certain application, therefore we do not assume any legal responsibility for an improper usage. The used test pieces have been machined from extruded semi-finished material. Since the plastics' properties depend on the manufacturing process (extrusion, injection moulding), on the dimensions of the semi finished material and on the degree of crystallinity, the actual properties of a specific product may slightly deviate from the tested ones. For information about divergent properties do not hesitate to contact us. On request we advise you regarding the most appropriate component design and the definition of material specifications more suitable to your application data. Notwithstanding, the customer bears all the responsibility for the thorough examination of suitability, efficiency, efficacy and safety of the chosen products in pharmaceutical applications, medical devices or other end uses. Status: February 2017