

TECAPEEK CM XP109 black - halvfabrikat

Kemisk beteckning

PEEK (polyetereterketon)

Färg

Svart solid

Densitet

1.51 g/cm³

Fillers

kol fibrer, PTFE

Huvud egenskaper

- inneboende flamskyddsmedel
- bra värmeledningstemperatur
- hydrolys och överhettad ångbeständig
- bra för maskinbearbetning
- bra glid och slitenskaper

Målindustrier

- olje- och gasindustrin

Mekaniska Egenskaper	parameter	värde	enhet	norm	anmärkning
Draghållfasthet		82	MPa	ASTM D 638	
Brottförlängning		2	%	ASTM D 638	
Böjghållfasthet		127	MPa	ASTM D 790	
Elasticitetsmodul (böjningstest)		8200	MPa	ASTM D 790	
Värmeledningsförmåga	parameter	värde	enhet	norm	anmärkning
Smält temperatur	DSC	342	°C	-	

→ TECAPEEK-produkter är baserade på Victrex® PEEK-polymer.

Our information and statements reflect the current state of our knowledge and shall inform about our products and their applications. They do not assure or guarantee chemical resistance, quality of products and their merchantability in a legally binding way. Our products are not defined for use in medical or dental implants. Existing commercial patents have to be observed. The corresponding values and information are no minimum or maximum values, but guideline values that can be used primarily for comparison purposes for material selection. These values are within the normal tolerance range of product properties and do not represent guaranteed property values. Therefore they shall not be used for specification purposes. Unless otherwise noted, these values were determined by tests at reference dimensions (typically rods with diameter 40-60 mm according to DIN EN 15860) on compression moulded and machined specimen. As the properties depend on the dimensions of the semi-finished products and the orientation in the component (esp. in reinforced grades), the material may not be used without a separate testing under individual circumstances. 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.ensingerplastics.com. Technical changes reserved.

Ensinger Sweden AB
Stenvretsgatan 5
749 40 Enköping - Sweden

Tel +46 171 477050
Fax +46 171 440418
www.ensinger.se

Datum: 2019/01/07

Version: AC