

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 slitegenskaper

Målindustrier

- olje- och gasindustrin

Mekaniska Egenskaper	parameter	värde	enhet	norm	anmärkning
Draghållfasthet		82	MPa	ASTM D 638	
Brottförlängning		2	%	ASTM D 638	
Böjgållfasthet		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.

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Ensinger Sweden AB
Stenvretsgatan 5
749 40 Enköping - Sweden

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

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