TECAPEEK CM XP98 black - halvfabrikat

Kemisk beteckning
PEEK (polyetereterketon)

Färg
Svart solid

Densitet
1.43 g/cm^3

Fillers
kol fibrer

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		126	MPa	ASTM D 638	
Elasticitetsmodul (dragprov)		9600	MPa	ASTM D 638	
Brottförlängning		2.2	%	ASTM D 638	
Böjhållfasthet		210	MPa	ASTM D 790	
Elasticitetsmodul (böjningstest)		11000	MPa	ASTM D 790	
Kompressionsstyrka		181	MPa	ASTM D 695	
Shore hårdhet	Shore D	93		ASTM D 2240	

Värmeledningsförmåga	*parameter*	*värde*	*enhet*	*norm*	*anmärkning*
Smält temperatur	DSC	342	°C	-	
värmeförvrängning stemperatur		> 237	°C	ASTM D 648	

Elektriska egenskaper	*parameter*	*värde*	*enhet*	*norm*	*anmärkning*
Specifikt ytmotstånd		10^6	Ω	-	

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

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