

TECAPEEK CM XP100 black - halvfabrikat

Kemisk beteckning

PEEK (polyetereterketon)

Färg

Svart solid

Densitet

1.47 g/cm³

Fillers

kol fibrer, grafit, 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		64	MPa	ASTM D 638	
Elasticitetsmodul (dragprov)		7500	MPa	ASTM D 638	
Brottförlängning		1.5	%	ASTM D 638	
Böjghållfasthet		110	MPa	ASTM D 790	
Elasticitetsmodul (böjningstest)		6200	MPa	ASTM D 790	
Kompressionsstyrka		132	MPa	ASTM D 695	
Kompressionsmodul		2200	MPa	ASTM D 695	
Shore hårdhet	Shore D	85		ASTM D 2240	
Värmeledningsförmåga	parameter	värde	enhet	norm	anmärkning
Smält temperatur	DSC	342	°C	-	
Elektriska egenskaper	parameter	värde	enhet	norm	anmärkning

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

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