

TECAPEEK CM XP91 natural - halvfabrikat

Kemisk beteckning

PEEK (polyetereterketon)

Färg

Beige solid

Densitet

1.56 g/cm³

Fillers

glas fibrer

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		89	MPa	ASTM D 638	
Elasticitetsmodul (dragprov)		8200	MPa	ASTM D 638	
Brottförlängning		2.1	%	ASTM D 638	
Böjghållfasthet		144	MPa	ASTM D 790	
Elasticitetsmodul (böjningstest)		6800	MPa	ASTM D 790	
Shore hårdhet	Shore D	91		ASTM D 2240	
Värmeledningsförmåga	parameter	värde	enhet	norm	anmärkning
Smält temperatur	DSC	342	°C	-	

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

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Datum: 2019/01/07

Version: AC