

## TECAPEEK CM XP96 natural - halvfabrikat

### Kemisk beteckning

PEEK (polyetereterketon)

### Färg

Beige solid

### Densitet

1.36 g/cm<sup>3</sup>

### 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		95	MPa	ASTM D 638	
Elasticitetsmodul (dragprov)		5300	MPa	ASTM D 638	
Brottförlängning		4.5	%	ASTM D 638	
Böjhållfasthet		153	MPa	ASTM D 790	
Elasticitetsmodul (böjningstest)		4800	MPa	ASTM D 790	
Kompressionsmodul		2400	MPa	ASTM D 695	
Shore hårdhet	Shore D	89		ASTM D 2240	
Värmeledningsförmåga	parameter	värde	enhet	norm	anmärkning
Smält temperatur	DSC	342	°C	-	
värmeförvrängning temperatur		148	°C	ASTM D 648	

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

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