

## TECAPEEK CM XP101 black - halvfabrikat

### Kemisk beteckning

PEEK (polyetereterketon)

### Färg

Svart solid

### Densitet

1.47 g/cm<sup>3</sup>

### Fillers

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		59	MPa	ASTM D 638	
Brottförlängning		2.4	%	ASTM D 638	
Böjghållfasthet		88	MPa	ASTM D 790	
Elasticitetsmodul (böjningstest)		4200	MPa	ASTM D 790	
Rockwell hårdhet	M scale	94		ASTM D 785	
Värmeledningsförmåga	parameter	värde	enhet	norm	anmärkning
Smält temperatur	DSC	342	°C	-	

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

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