

TECATRON PPS CM XP64 natural - halvfabrikat

Kemisk beteckning

PPS (Polyphenylen sulfide)

Färg

Beige solid

Densitet

1.7 g/cm³

Fillers

40% glass fibres

Huvud egenskaper

- hög dimensionell stabilitet
- bra kemisk resistans
- högt krypmotstånd
- bra värmeledningstemperatur
- motstånd mot hög energi strålning
- hög styvhet
- hög styrka

Målindustrier

- olje- och gasindustrin

Mekaniska Egenskaper	parameter	värde	enhet	norm	anmärkning
Draghållfasthet		42	MPa	ASTM D 638	
Elasticitetsmodul (dragprov)		6200	MPa	ASTM D 638	
Brottförlängning		1.1	%	ASTM D 638	
Böjhållfasthet		75	MPa	ASTM D 790	
Elasticitetsmodul (böjningstest)		8200	MPa	ASTM D 790	
Kompressionsstyrka		172	MPa	ASTM D 695	
Kompressionsmodul		3900	MPa	ASTM D 695	
Shore hårdhet	Shore D	88		ASTM D 2240	
Värmeledningsförmåga	parameter	värde	enhet	norm	anmärkning
värmeförvrängning temperatur		112	°C	ASTM D 648	

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