

TECATRON PPS CM XP64 natural - 型材 (棒材, 板材, 管件)

化學命名

PPS (聚苯硫醚)

顏色

米黃色 不透明

密度

1.7 g/cm³

添加物

40% 玻璃纖維

生產製程: 壓縮成型

主要特色

- 良好的尺寸穩定性
- 良好的耐化學性
- 高蠕變抗性
- 良好的熱變形溫度
- 高能輻射抗性
- 高剛性
- 高強度

目標產業

- 石油和天然氣工業

機械特性	參數	值	單位	標準	註解
抗拉強度		42	MPa	ASTM D 638	
彈性模數 (張力測試)		6200	MPa	ASTM D 638	
斷裂伸長率		1.1	%	ASTM D 638	
抗彎強度		75	MPa	ASTM D 790	
彈性模數 (彎曲測試)		8200	MPa	ASTM D 790	
壓縮強度		172	MPa	ASTM D 695	
壓縮模數		3900	MPa	ASTM D 695	
蕭氏硬度	Shore D	88		ASTM D 2240	
熱特性	參數	值	單位	標準	註解
熱變形溫度		112	°C	ASTM D 648	

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