

TECAPEEK CM XP91 natural - 型材 (棒材, 板材, 管件)

化學命名

PEEK (聚醚醚酮)

顏色

米黃色 不透明

密度

1.56 g/cm³

添加物

玻璃纖維

生產製程: 壓縮成型

主要特色

- 固有的防火性
- 良好的熱變形溫度
- 耐水解和熱蒸氣
- 良好的加工特性
- 良好的滑動及耐磨特性

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		89	MPa	ASTM D 638	
彈性模數 (張力測試)		8200	MPa	ASTM D 638	
斷裂伸長率		2.1	%	ASTM D 638	
抗彎強度		144	MPa	ASTM D 790	
彈性模數 (彎曲測試)		6800	MPa	ASTM D 790	
蕭氏硬度	Shore D	91		ASTM D 2240	
熱特性	參數	值	單位	標準	註解
熔化溫度	DSC	342	°C	-	

→ TECAPEEK 產品是使用 Victrex® PEEK 原物料製作而成。

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