

## TECAPEEK CM XP98 black - 型材 (棒材, 板材, 管件)

### 化學命名

PEEK (聚醚醚酮)

### 顏色

黑色 不透明

### 密度

1.43 g/cm<sup>3</sup>

### 添加物

碳纖維

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		126	MPa	ASTM D 638	
彈性模數 (張力測試)		9600	MPa	ASTM D 638	
斷裂伸長率		2.2	%	ASTM D 638	
抗彎強度		210	MPa	ASTM D 790	
彈性模數 (彎曲測試)		11000	MPa	ASTM D 790	
壓縮強度		181	MPa	ASTM D 695	
蕭氏硬度	Shore D	93		ASTM D 2240	
熱特性	參數	值	單位	標準	註解
熔化溫度	DSC	342	°C	-	
熱變形溫度		> 237	°C	ASTM D 648	
電性特性	參數	值	單位	標準	註解
表面電阻		10 <sup>6</sup>	Ω	-	

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

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