

TECAFORM AH LM white - 型材 (棒材, 板材, 管件)

化學命名

POM-C (聚縮醛 (共聚物))

顏色

白色 不透明

密度

1.41 g/cm³

主要特色

- 可雷射標籤
- 耐受清潔劑
- 高強度
- 高韌性
- 良好的加工特性
- 難以黏合
- 良好的滑動及耐磨特性

目標產業

- 輸送機技術
- 機械工程
- 精密工程
- 汽車工業
- 電氣工程
- 家用電器用品

機械特性	參數	值	單位	標準	註解
抗拉強度	50mm/min	60	MPa	DIN EN ISO 527-2	(1) For tensile test: specimen type 1b
彈性模數 (張力測試)	1mm/min	2700	MPa	DIN EN ISO 527-2	1) (2) For flexural test: support span 64mm, norm specimen.
降伏點抗拉強度	50mm/min	60	MPa	DIN EN ISO 527-2	(3) For Charpy test: support span 64mm, norm specimen.
降伏點伸長率	50mm/min	11	%	DIN EN ISO 527-2	
斷裂伸長率	50mm/min	32	%	DIN EN ISO 527-2	
抗彎強度	2mm/min, 10 N	81	MPa	DIN EN ISO 178	2)
彈性模數 (彎曲測試)	2mm/min, 10 N	2400	MPa	DIN EN ISO 178	
衝擊強度(Charpy)	max. 7.5J	110	kJ/m ²	DIN EN ISO 179-1eU	3)
缺口衝擊強度(Charpy)	max. 7.5J	6	kJ/m ²	DIN EN ISO 179-1eA	
蕭氏硬度	D	80		DIN EN ISO 868	
熱特性	參數	值	單位	標準	註解
玻璃轉化溫度		-60	°C	DIN EN ISO 11357	1)
熔化溫度		168	°C	DIN EN ISO 11357	2)
使用溫度	short term	140	°C		2)
使用溫度	long term	100	°C		
電性特性	參數	值	單位	標準	註解
其他特性	參數	值	單位	標準	註解
耐熱水/鹼		(+)	-	-	1)
耐候性		-	-	-	2)
耐燃性(UL94)	corresponding to	HB		DIN IEC 60695-11-10;	3)

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