

# KYNAR®

## 340

Kynar® resins are fluorinated thermoplastic homopolymers.

Kynar® 340 resin is a thermoplastic fluorinated polymer resin. The properties are the same as standard grade: chemical resistance, resistance to UV, low permeation, high purity, excellent mechanical behavior. More over, this grade is electrically conductive.

This grade is available as pellet form for injection, extrusion, compression.

特性	値	単位	テスト基準
レオロジー特性			
メルトポリュームレイト	4	cm <sup>3</sup> /10min	ISO 1133
温度	230	°C	-
	446	°F	-
荷重	10	kg	-
	22	lb	-
メルトフローレイト	3 - 8	g/10min	ASTM D1238
温度	230	°C	-
荷重	10	kg	-
溶融粘度, 230°C, 100 s <sup>-1</sup>	25	kPoise	ASTM D3835
機械的特性			
引張弾性率	1600	MPa	ISO 527-1/-2
	232000	psi	
降伏応力	10	MPa	ISO 527-1/-2
	1450	psi	
降伏ひずみ	5	%	ISO 527-1/-2
破壊呼びひずみ	40	%	ISO 527-1/-2
ノッチ付きシャルピー衝撃強さ, +23°C	9	kJ/m <sup>2</sup>	ISO 179/1eA
	4.28	ftlb/in <sup>2</sup>	
ノッチ付きシャルピー衝撃強さ, -30°C	5	kJ/m <sup>2</sup>	ISO 179/1eA
	2.38	ftlb/in <sup>2</sup>	
熱的特性			
溶融温度, 10°C/min	166	°C	ISO 11357-1/-3
溶融温度	165 - 172	°C	ASTM D3418
酸素指数	43	%	ISO 4589-1/-2
電気的特性.			
比誘電率, 100Hz	0.07	-	IEC 60250
体積抵抗率	10000	Ohm* m	IEC 62631-3-1

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Source: automatically generated TDS from Material Database on 20-02-2024

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表面抵抗率	10000	Ohm	IEC 62631-3-2
耐電圧	27	kV/m	IEC 60243-1
	686	kV/in	
その他の特性.			
密度	1780	kg/m <sup>3</sup>	ISO 1183
	1.78	g/cm <sup>3</sup>	
比重, 73 °F	1.84 - 1.88	-	ASTM D792

<b>成形加工法</b> 射出成形, 異形押出成形, シート押出成形, その他の押出成形, トランスファー成形	<b>Headquarters:</b> Arkema France 420 rue d'Estienne d'Orves 92705 Colombes Cedex France T +33 (0)1 49 00 80 80 <a href="http://hpp.arkema.com">hpp.arkema.com</a>  Arkema Inc. – High Performance Polymers 900 First Avenue King of Prussia, PA 19406 Tel.: +1 610 205 7000 <a href="http://hpp.arkema.com">hpp.arkema.com</a>
<b>納入形状</b> ペレット, 顆粒.	
<b>特殊な特性</b> 導電	
<b>領域別の利用可能性</b> 北アメリカ, ヨーロッパ, アジア/太平洋地域., 南・中央アメリカ, 近東/アフリカ	

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