KYNAR®
340

Kynar® 树脂 是氟化热塑性塑料均聚物。
Kynar®340树脂 是一种热塑性塑料氟化聚合物树脂。
其特性与标准牌号相同：耐化学腐蚀性、耐紫外线性、低渗透性、高纯度、优异的机械特性。
另外，该具有导电性。
该的供应形态为球状颗粒，适用于注塑、挤出、模压成型工艺。

性能	价值	单位	测试标准
流变性能			
熔体体积流动速度	4	cm³/10min	ISO 1133
温度	230	°C	-
	446	°F	
载荷	10	kg	-
	22	lb	
熔融指数	3 - 8	g/10min	ASTM D1238
温度	230	°C	-
负载	10	kg	-
熔体粘度, 230°C, 100 s^{-1}	25	kPoise	ASTM D3835
机械性能			
拉伸模量	1600	MPa	ISO 527-1/-2
	232000	psi	
屈服应力	10	MPa	ISO 527-1/-2
	1450	psi	
屈服伸长率	5	%	ISO 527-1/-2
名义断裂伸长率	40	%	ISO 527-1/-2
简支梁缺口冲击强度, +23°C	9	kJ/m²	ISO 179/1eA
	4.28	ftlb/in²	
简支梁缺口冲击强度, -30°C	5	kJ/m²	ISO 179/1eA
	2.38	ftlb/in²	
热性能			
熔融温度, 10°C/min	166	°C	ISO 11357-1/-3
熔点	165 - 172	°C	ASTM D3418
氧指数	43	%	ISO 4589-1/-2
电性能			
相对介电常数, 100Hz	0.07	-	IEC 60250
体积电阻率	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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表面电阻率	10000	Ohm	IEC 62631-3-2
介电强度	27	kV/mm	IEC 60243-1
	686	kV/in	
其它性能			
密度	1780	kg/m³	ISO 1183
	1.78	g/cm³	
比重, 73 °F	1.84 - 1.88	-	ASTM D792

加工方法

注塑, 异型材挤出成型, 片材挤出成型, 其它挤出成型, 传递模塑成型

供货形式

粒料, 碎粒料

特殊性能

导电

地区供应

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