KYNAR®
MG15

Kynar® 树脂 是氟化热塑性塑料均聚物。
Kynar® MG15树脂 是一种高粘度结晶态聚偏氟乙烯聚合物。这种工程聚合物的机械强度和高耐化学腐蚀性达到了出色的平衡，非常适用于持久水净化和其他应用中的微滤膜和超滤膜。
Kynar® MG15树脂 可溶于某些溶剂，而且可用于溶液加工应用。特别推荐用于中空纤维和平板膜。
Kynar® MG15 树脂 通过了 NSF、FDA和 USP 第VI 类认证，可用于饮用水、食品加工以及生物制药应用。

性能	价值	单位	测试标准
流变性能			
熔体粘度, 230°C, 100 s^{-1}	33 - 39	kPoise	ASTM D3835
机械性能			
拉伸模量, 73 °F	1380 - 2310	MPa	ASTM D638
	200000 - 335000	psi	
屈服应力, 73 °F	44.8 - 55.2	MPa	ASTM D638
	6500 - 8000	psi	
弯曲模量, 73 °F	1380 - 2310	MPa	ASTM D790
	200000 - 335000	psi	
热性能			
熔融温度, 10°C/min	168	°C	ISO 11357-1/-3
熔点	162 - 172	°C	ASTM D3418
玻璃化转变温度, 10°C/min	-40	°C	ISO 11357-1/-2
其它性能			
吸水性	≤ 0.04	%	ASTM D570
密度	1780	kg/m³	ISO 1183
	1.78	g/cm³	
比重, 73 °F	1.77 - 1.79	-	ASTM D792
Solution Viscosity, 20°C, #3 Brookfield	≥ 1500	cps	10% NMP Solution Spindle@20 RPM Spindle Viscometer
光学特性			
Refractive Index @ sodium D line	1.42	-	ASTM D542

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

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供货形式 粉料	
特殊性能 可食品接触	
地区供应 北美, 欧洲, 亚太, 中南美洲, 中东/非洲	

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