

KYNAR® HSV 900

Kynar® resins are fluorinated thermoplastic homopolymers.

Outstanding characteristics: chemical resistance, imperviousness to UV, high barrier properties, high purity, good mechanical and thermo-mechanical properties. This product is NSF/ANSI/CAN 61 certified.

特性	値	単位	テスト基準
レオロジー特性			
溶融粘度, 230°C, 100 s ⁻¹	49.5	kPoise	ASTM D3835
機械的特性			
降伏応力, 73 °F	40 - 55.2	MPa	ASTM D638
	5800 - 8000	psi	
破壊応力, 73 °F	34 - 43	MPa	ASTM D638
	4930 - 6240	psi	
破断伸び, 73 °F	50 - 250	%	ASTM D638
ショア硬さ, D, 73 °F	76 - 80	-	ASTM D2240
曲げ弾性率, 73 °F	1380 - 2210	MPa	ASTM D790
	200000 - 320000	psi	
圧縮強度, 73 °F	68.9 - 103	MPa	ASTM D695
	10000 - 15000	psi	
ノッチ付き衝撃強さ, 73 °F	0.107 - 0.32	kJ/m	ASTM D256
	2 - 6	ftlb/in	
熱的特性			
溶融温度	165	°C	ASTM D3418
酸素指数	44	%	ASTM D2863
その他の特性			
密度	1780	kg/m ³	ISO 1183
	1.78	g/cm ³	
比重, 73 °F	1.77 - 1.79	-	ASTM D792
光学特性			
Refractive Index @ sodium D line	1.42	-	ASTM D542

Main applications:

- Battery
- membrane

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

KYNAR®

HSV 900

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納入形状 パウダー	
特殊な特性 熱安定化	
領域別の利用可能性 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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