

KYNAR® HSV 1800

Kynar® HSV1800 is a commercial functional homopolymer of vinylidene fluoride, specifically designed to be used as a cathode binder in Lithium Ion Batteries.

Main Characteristics:

- High adhesion
- Excellent cathode slurry stability with Nickel Manganese Cobalt Active Materials
- High molecular weight
- Functional

PROPERTIES	VALUE	UNIT	TEST STANDARD
RHEOLOGICAL PROPERTIES			
Melt Viscosity, 230°C, 100 s-1	80 - 85	kPoise	ASTM D3835
THERMAL PROPERTIES			
Melting Point, 73 °F	161 - 167	°C	ASTM D3418
OTHER PROPERTIES			
Density	1780	kg/m³	ISO 1183
	1.78	g/cm³	
Specific Gravity, 73 °F	≥1.78	-	ASTM D792
POWDER PROPERTIES			
Appearance	White spheroidal powder	-	Visual

MAIN APPLICATIONS:

- Battery

PROCESSING Coating, Casting	
DELIVERY FORM Powder	
REGIONAL AVAILABILITY North America, Europe, Asia Pacific, South and Central America, Near East/Africa	