

# KYNAR® HSV 1810

**Kynar® HSV1810** is a 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 Rich Active Materials
- High molecular weight
- Functional

PROPERTIES	VALUE	UNIT	TEST STANDARD
RHEOLOGICAL PROPERTIES			
Melt Viscosity, 230°C, 100 s-1	70 - 75	kPoise	ASTM D3835
THERMAL PROPERTIES			
Melting Point, 73 °F	161 - 167	°C	ASTM D3418
OTHER PROPERTIES			
Specific Gravity, 73 °F	≥1.78	-	ASTM D792

**MAIN APPLICATIONS:**

- Battery

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