

TECHNICAL DATA SHEET KYNAR[®] HSV 1800 POWDER

FLUORINATED HOMOPOLYMER POWDER

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

DESIGNATION	DELIVERY FORM
PVDF	Powder

RHEOLOGICAL PROPERTIES

속성	값	테스트 표준
Melt viscosity, 230°C (445°F) at 100 s-1	75 - 85 kPo	ASTM D3835
속성	 값	테스트 표준
Melting temperature, 10°C/min	165 °C	ASTM D3418

OTHER PROPERTIES

속성	값	테스트 표준
Specific gravity, 23°C (73°F)	1.78 g/cm ³	

SPECIAL CHARACTERISTICS

• Flame & smoke

Headquarter: Arkema France 420, rue d'Estienne d'Orves 92705 Colombes Cedex – France T +33 (0)1 49 00 80 80



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