



TECHNICAL DATA SHEET

KYNAR® HSV 1810 POWDER

FLUORINATED HOMOPOLYMER POWDER

TYPE

PVDF

MAIN APPLICATIONS

- Automotive - BIW

DELIVERY FORM

- Powder

RHEOLOGICAL PROPERTIES

PROPERTIES	VALUE	UNIT	TEST STANDARD
Melt viscosity, 230°C (445°F) at 100 s-1	75	kPo	ASTM D3835
Solution viscosity, 5% PVDF, 10 s-1	230	cPo	

THERMAL PROPERTIES

PROPERTIES	VALUE	UNIT	TEST STANDARD
Melting temperature, 10°C/min	165	°C	ASTM D3418

OTHER PROPERTIES

PROPERTIES	VALUE	UNIT	TEST STANDARD
Particle Size Distribution (PSD), Medium size particles (D50)	25	µm	GB/T 19077
Moisture absorption	< 0.4	%	GB/T 6283
Specific gravity	1.78	g/cm³	ISO 1183-1
Metal content, Metals (Cr, Mn, Fe, Co, Ni, Cu, Zn)	< 5 each	ppm	

PACKAGING

- Available packaging:
- 20 kg / 44 lb boxes

SPECIAL CHARACTERISTICS

- Flame & smoke