

KYNAR FLEX[®]

TECHNICAL DATA SHEET

KYNAR FLEX[®] LBG 8200 POWDER

FLUORINATED COPOLYMER POWDER

TYPE

PVDF

MAIN APPLICATIONS

- Battery Binder

DELIVERY FORM

- Powder

RHEOLOGICAL PROPERTIES

PROPERTIES	VALUE	UNIT	TEST STANDARD
Melt viscosity, 230°C (445°F) at 100 s-1	72	kPo	ASTM D3835
Solution viscosity, 5% PVDF, 10 s-1	300	cPo	

THERMAL PROPERTIES

PROPERTIES	VALUE	UNIT	TEST STANDARD
Melting temperature, 10°C/min	142-148	°C	ASTM D3418

OTHER PROPERTIES

PROPERTIES	VALUE	UNIT	TEST STANDARD
Specific gravity, 23°C (73°F)	1.78	g/cm ³	ISO 1183-1
Metal content, Metals (Cr, Mn, Fe, Co, Ni, Cu, Zn)	< 5	ppm	
Particle Size Distribution (PSD)	25	µm	GB/T 19077
Moisture absorption	< 0.3	%	GB/T 6283

SPECIAL CHARACTERISTICS

- Flame & smoke