

TECHNICAL DATA SHEET

KYNAR FLEX[®] LBG 8200

FLUORINATED COPOLYMER POWDER

Kynar Flex[®] LBG 8200 is a functional fluorinated copolymer designed for lithium battery separator coating

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

SPECIAL CHARACTERISTICS

- Flame & smoke

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