

TECHNICAL DATA SHEET

KYNAR® FLEX LBG 8201

Kynar Flex® LBG 8201 is a functional fluorinated copolymer designed for lithium battery separator coating. It can be used either in solvent-based processes or water-based (powder redispersion) processes.

MAIN APPLICATIONS

- Battery Separator Coating - Growth

RHEOLOGICAL PROPERTIES

PROPERTIES	VALUE	UNIT	TEST STANDARD
Melt viscosity, 230°C (445°F) at 100 s-1	79	kPo	ASTM D3835
Solution viscosity	300	cPo	

THERMAL PROPERTIES

PROPERTIES	VALUE	UNIT	TEST STANDARD
Melting temperature, 10°C/min	149	°C	ASTM D3418

OTHER PROPERTIES

PROPERTIES	VALUE	UNIT	TEST STANDARD
Moisture absorption	< 0.3	%	GB/T 6283
Metal content, Metals (Cr, Mn, Fe, Co, Ni, Cu, Zn)	< 5 each	ppm	Internal Arkema
Particle Size Distribution (PSD), Medium size particles (D50)	10	µm	GB/T 19077
Density, 23°C (73°F)	1.78	g/cm³	ISO 1183-1

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