

TECHNICAL DATA SHEET

KYNAR® FLEX LBG 2400

Kynar Flex® LBG 2400 is a fluorinated copolymer designed for lithium battery separator coating. It can be used either in solvent-based processes or water-based (powder redispersion) processes.

TYPE

PVDF

MAIN APPLICATIONS

- Battery Separator Coating - Growth

RHEOLOGICAL PROPERTIES

PROPERTIES	VALUE	UNIT	TEST STANDARD
Melt viscosity, 230°C (445°F) at 100 s-1	16	kPo	ASTM D3835

THERMAL PROPERTIES

PROPERTIES	VALUE	UNIT	TEST STANDARD
Melting temperature	143	°C	ASTM D3418

OTHER PROPERTIES

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

SPECIAL CHARACTERISTICS

- Flame & smoke

Headquarters: Arkema France
51, Esplanade du Général de Gaulle
92800 Puteaux – France
T +33 (0)1 49 00 80 80