

TECHNICAL DATA SHEET

KYNAR® HSV 900 POWDER

FLUORINATED HOMOPOLYMER POWDER

KYNAR® resins are fluorinated thermoplastic homopolymers.

Outstanding characteristics: chemical resistance, imperviousness to UV, high barrier properties, high purity, good mechanical and thermo-mechanical properties. This product is NSF/ANSI/CAN 61 certified.

DESIGNATION

PVDF

MAIN APPLICATIONS

- Automotive - BIW

DELIVERY FORM

- Powder

RHEOLOGICAL PROPERTIES

プロパティ	価値	UNIT	テスト基準
Melt viscosity, 230°C (445°F) at 100 s-1	50	kPo	ASTM D3835
Solution viscosity	510	cPo	

THERMAL PROPERTIES

プロパティ	価値	UNIT	テスト基準
Limiting oxygen index (LOI)	44	%	ASTM D2863
Melting temperature, 10°C/min	165	°C	ASTM D3418

OTHER PROPERTIES

プロパティ	価値	UNIT	テスト基準
Specific gravity, 23°C (73°F)	1.77 - 1.79	g/cm³	ISO 1183-1
Particle Size Distribution (PSD), Medium size particles (D50)	10	µm	
Moisture absorption	< 0.1	%	
Metal content	< 5	ppm	

SPECIAL CHARACTERISTICS

- Flame & smoke

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