

TECHNICAL DATA SHEET

KYNAR FLEX® 2750-10

FLUORINATED COPOLYMER PELLETT

Kynar Flex® resins are fluorinated thermoplastic copolymers.

Outstanding characteristics: chemical resistance, imperviousness to UV, barrier properties and high purity. Kynar Flex® 2750-10 resin is a grade of granules to be used where maximum flexibility or impact strength is required. This product is NSF/ANSI/CAN 61 certified.

DESIGNATION

PVDF

MAIN APPLICATIONS

- Plenum Conduit
- Plenum Cable

DELIVERY FORM

- Pellets

RHEOLOGICAL PROPERTIES

PROPERTIES	VALUE	TEST STANDARD
Melt flow index (MFR), 230°C / 3.8 kg (445°F / 8.3 lb)	12 g/10min	ISO 1133
Melt viscosity, 230°C (445°F) at 100 s-1	7 kPo	ASTM D3835

MECHANICAL PROPERTIES

PROPERTIES	VALUE	TEST STANDARD
Tensile modulus, 23°C (73°F)	480 MPa	ISO 178
Yield stress, 23°C (73°F)	20 MPa	ISO 527-1/-2
Yield strain, 23°C (73°F)	16 %	ISO 527-1/-2
Elongation at break, 23°C (73°F)	200 %	ISO 527-1/-2
Izod impact notched strength, 23°C (73°F)	no break J/m	
Izod impact unnotched strength, 23°C (73°F)	no break J/m	

THERMAL PROPERTIES

PROPERTIES	VALUE	TEST STANDARD
Limiting oxygen index (LOI)	44 %	ASTM D2863
Melting temperature, DSC 10°C/min	134 °C (273.2 °F)	ASTM D3418
Heat deflection temperature, 1.8 MPa	44 °C (111.2 °F)	ISO 75-1/-2

SPECIAL CHARACTERISTICS

- Flame & smoke

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