KYNAR®

TECHNICAL DATA SHEET

KYNAR® ADXFLEX 2250-05

FLUORINATED COPOLYMER PELLET

Kynar Flex® resins are fluorinated thermoplastic copolymers.
Kynar Flex® ADX 2250-05 resin is a semi-crystalline flexible functionalized copolymer designed for co-extrusion with other materials to improve interlayer adhesion. It is particularly suited to tubing, pipe and film co-extrusion applications.
Outstanding characteristics: chemical resistance, resistance to UV, high barrier properties, high purity, good mechanical and thermo-mechanical properties.
More over, this grade increases the potential of adhesion on materials as polyamides, polyolefins and can be coextruded.

TYPE

PVDF

MAIN APPLICATIONS

- additives for adhesives

DELIVERY FORM

- Pellets

RHEOLOGICAL PROPERTIES

PROPERTIES	TYPICAL VALUE	UNIT	TEST STANDARD
Melt volume flow rate (MVR), 230°C / 3.8 kg (446°F / 8.3 lb)	6	cm^3/10min	ISO 1133

MECHANICAL PROPERTIES

PROPERTIES	TYPICAL VALUE	UNIT	TEST STANDARD
Yield stress, 23°C (73°F)	12	MPa	ISO 527-1/-2
Yield strain, 23°C (73°F)	18	%	ISO 527-1/-2
Nominal strain at break, 23°C (73°F)	>50	%	ISO 527-1/-2

THERMAL PROPERTIES

PROPERTIES	TYPICAL VALUE	UNIT	TEST STANDARD
Melting temperature, 10°C/min	123	°C	ISO 11357-1/-3
Heat deflection temperature, 1.8 MPa	33	°C	ISO 75-1/-2

ELECTRICAL PROPERTIES

PROPERTIES	TYPICAL VALUE	UNIT	TEST STANDARD
Dielectric strength, 23°C (73,4°F)	13	kV/mm	IEC 60243-1

OTHER PROPERTIES

PROPERTIES	TYPICAL VALUE	UNIT	TEST STANDARD
Water absorption, at equilibrium at 23°C (73°F) / Immersion	0.1	%	ISO 62

KYNAR® ADXFLEX 2250-05

PACKAGING

Available packaging:
- 25 kg / 55 lb bags

SPECIAL CHARACTERISTICS

- Flame & smoke

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