KYNAR®

TECHNICAL DATA SHEET

KYNAR® ADX 1720-03

FLUORINATED HOMOPOLYMER PELLET

KYNAR® resins are fluorinated thermoplastic homopolymers.
KYNAR® ADX 1720-03 resin is a thermoplastic fluorinated functionalized polymer.
The properties are the same as standard grade: chemical resistance, resistance to UV, low permeation, high purity, excellent mechanical behavior. 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 flow index (MFR)	15	g/10min	ISO 1133

MECHANICAL PROPERTIES

PROPERTIES	TYPICAL VALUE	UNIT	TEST STANDARD
Yield stress, 23°C (73°F)	52	MPa	ISO 527-1/-2
Yield strain, 23°C (73°F)	8	%	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	170	°C	ISO 11357-1/-3
Heat deflection temperature, 1.8 MPa	108	°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

PACKAGING

Available packaging:
- 25 kg / 55 lb bags

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SPECIAL CHARACTERISTICS

- Flame & smoke

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