

KYNAR FLEX®

ADX 2250-05E

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, imperviousness 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.

PROPERTIES	VALUE	UNIT	TEST STANDARD
RHEOLOGICAL PROPERTIES			
Melt Volume-Flow Rate	6	cm ³ /10min	ISO 1133
Temperature	230	°C	-
	446	°F	-
Load	3.8	kg	-
	8.38	lb	-
MECHANICAL PROPERTIES			
Yield stress	12	MPa	ISO 527-1/-2
	1740	psi	
Yield strain	18	%	ISO 527-1/-2
Nominal Strain at Break	>50	%	ISO 527-1/-2
THERMAL PROPERTIES			
Melting Temperature, 10°C/min	123	°C	ISO 11357-1/-3
Temp. of Deflection Under Load, 1.80 MPa	33	°C	ISO 75-1/-2
	91	°F	
ELECTRICAL PROPERTIES			
Dielectric (Electric) Strength	13	kV/mm	IEC 60243-1
	330	kV/in	
OTHER PROPERTIES			
Water Absorption	0.1	%	Sim. to ISO 62
Density	1790	kg/m ³	ISO 1183
	1.79	g/cm ³	

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PROCESSING Film Extrusion, Sheet Extrusion, Other Extrusion, Blow Molding, Transfer Molding	
DELIVERY FORM Pellets	
SPECIAL CHARACTERISTICS Light Stabilized	
REGIONAL AVAILABILITY North America, Europe, Asia Pacific, South and Central America, Near East/Africa	