KYNAR® 340

Kynar® resins are fluorinated thermoplastic homopolymers.

Kynar® 340 resin is a thermoplastic fluorinated polymer resin. The properties are the same as standard grade: chemical resistance, resistance to UV, low permeation, high purity, excellent mechanical behavior. More over, this grade is electrically conductive.

This grade is available as pellet form for injection, extrusion, compression.

MAIN CHARACTERISTICS

PROPERTIES	VALUE	UNIT	TEST STANDARD
RHEOLOGICAL PROPERTIES			
Melt Volume-Flow Rate	4	$cm^3/10min$	ISO 1133
Temperature	230	°C	-
Load	10	kg	-
Melt Flow Rate	3 - 8	g/10min	ASTM D1238
Temperature	230	°C	-
Load	10	kg	-
Melt Viscosity, 230°C, 100 s-1	25	kPoise	ASTM D3835
MECHANICAL PROPERTIES			
Tensile Modulus	1600	MPa	ISO 527-1/-2
Yield stress	10	MPa	ISO 527-1/-2
Yield strain	5	%	ISO 527-1/-2
Nominal Strain at Break	40	%	ISO 527-1/-2
Charpy Notched Impact Strength, +23°C	9	kJ/m^2	ISO 179/1eA
Charpy Notched Impact Strength, -30°C	5	kJ/m^2	ISO 179/1eA
THERMAL PROPERTIES			
Melting Temperature, 10°C/min	166	°C	ISO 11357-1/-3
Melting Point, 73 °F	165 - 172	°C	ASTM D3418
Oxygen Index	43	%	ISO 4589-1/-2
ELECTRICAL PROPERTIES			
Relative Permittivity, 100Hz	0.07	-	IEC 60250
Volume Resistivity	10000	Ohm*m	IEC 60093
Surface Resistivity	10000	Ohm	IEC 60093
Dielectric (Electric) Strength	27	kV/mm	IEC 60243-1
OTHER PROPERTIES			
Density	1780	kg/m^3	ISO 1183
Specific Gravity, 73 °F	1.84 - 1.88	-	ASTM D792

PROCESSING

Injection Molding, Profile Extrusion, Sheet Extrusion, Other Extrusion, Transfer Molding

SPECIAL CHARACTERISTICS

Conductive

Arkema France - A French "société anonyme", registered in the Nanterre (France) Trade and Companies Register under the number 319 632 790
SDC/11-2018

Please consult Arkema's disclaimer regarding the use of Arkema's products on https://www.arkema.com/en/products/product-safety/disclaimer/index.html

KYNAR® BY ARKEMA

KYNAR® 340

DELIVERY FORM

Pellets, Granules

REGIONAL AVAILABILITY

North America, Europe, Asia Pacific, South and Central America, Near East/Africa

Arkema France - A French "société anonyme", registered in the Nanterre (France) Trade and Companies Register under the number 319 632 790
SDC/11-2018

Please consult Arkema's disclaimer regarding the use of Arkema's products on https://www.arkema.com/en/products/product-safety/disclaimer/index.html

Kynar® is a registered trademark of Arkema
© 2022 Arkema Inc. All rights reserved.

kynar.com

KYNAR® BY ARKEMA

Arkema Inc. – Technical Polymers
900 First Avenue
King of Prussia, PA 19406
Tel.: +1 610 205 7000
Fax: +1 610 205 7497
arkema-americas.com

Headquarters: Arkema France
420, rue d'Estienne d'Orves
92705 Colombes Cedex – France
Tel.: +33 1 49 00 80 80
Fax: +33 1 49 00 83 96
arkema.com

Darveco does not warrant the accuracy of the information herein. This TDS may contain errors; Darveco accepts no liability for any consequences arising from its use. | www.darveco.com.tr