

KYNAR FLEX[®]

3030-10

Kynar Flex[®] 수지 는 불소화 열가소성 공중합체입니다.

물성들이	값	단위	시험규격
유변학적 특성			
응용 흐름성	8 - 25	g/10m in	ASTM D1238
온도	230	°C	-
하중	3.8	kg	-
응용 점도, 230°C, 100 s ⁻¹	5 - 12	kPoise	ASTM D3835
기계적 특성			
인장탄성률	283 41000	MPa psi	ISO 527-1/-2
인장탄성률, 73 °F	207 - 345 30000 - 50000	MPa psi	ASTM D638
항복강도	12 1740	MPa psi	ISO 527-1/-2
항복강도, 73 °F	12.4 - 16.5 1800 - 2400	MPa psi	ASTM D638
항복변형률	30	%	ISO 527-1/-2
항복변형률, 73 °F	25 - 40	%	ASTM D638
파단시 평균신율	>50	%	ISO 527-1/-2
파단시 강도, 73 °F	19.3 - 24.8 2800 - 3600	MPa psi	ASTM D638
파단시 신율, 73 °F	≥ 500	%	ASTM D638
Taber 마모시험, CS 17 1000g:pad	28 - 33	mg/10 00 cycles	ASTM-G195-13A
쇼어 경도, D, 73 °F	45 - 55	-	ASTM D2240
굴곡 계수, 73 °F	241 - 379 35000 - 55000	MPa psi	ASTM D790
차피 노치드 충격 강도, +23°C	휴식 없음	kJ/m ²	ISO 179/1eA
절입 충격 강도, 73 °F	휴식 없음	kJ/m	ASTM D256
열적 특성			
녹는점, 10°C/min	164	°C	ISO 11357-1/-3
녹는점	162 - 170	°C	ASTM D3418
유리 전이 온도, 10 °C/min	-42 -43.6	°C °F	ISO 11357-1/-2

Arkema France - A French "société anonyme", registered in the Nanterre (France) Trade and Companies Register under the number 319 632 790 SDC/11-2018
Source: automatically generated TDS from Material Database on 20-02-2024

KYNAR FLEX®

3030-10

유리 전이 온도 (Tg)	-40	°C	ASTM D7028
열팽창 계수, 73 °F	15.3 - 19.4	10E-5/°C	ASTM D696
	8.5 - 10.8	10E-5/°F	
두께 H인 제품의 난연성	V-0	class	IEC 60695-11-10
테스트 두께	0.8	mm	-
	0.0315	in	
산소지수로서의 난연성	45	%	ISO 4589-1/-2
산소지수	42	%	ASTM D2863
전기적 특성			
부피 저항	2E12	Ohm* m	IEC 62631-3-1
표면 저항, 73 °F	7.6E11 - 7.8E11	Ohm per square	ASTM D257
전기 압력, 73°F	1 - 1.2	kV/mil	ASTM D149
기타 특성			
물에서의 흡수성	≤ 0.05	%	ASTM D570
비중, 73 °F	1.78 - 1.82	-	ASTM D792

지역별 검색 북아메리카 , 유럽 , 아시아 태평양 지역, 남부 및 중앙 아메리카 , 동양 및 아프리카 근역	Headquarters: Arkema France 420 rue d'Estienne d'Orves 92705 Colombes Cedex France T +33 (0)1 49 00 80 80 hpp.arkema.com
	Arkema Inc. – High Performance Polymers 900 First Avenue King of Prussia, PA 19406 Tel.: +1 610 205 7000 hpp.arkema.com

The statements, technical information and recommendations contained herein are believed to be accurate as of the date hereof. Since the conditions and methods of use of the product and of the information referred to herein are beyond our control, ARKEMA expressly disclaims any and all liability as to any results obtained or arising from any use of the product or reliance on such information; NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, IS MADE CONCERNING THE GOODS DESCRIBED OR THE INFORMATION PROVIDED HEREIN. The information provided herein relates only to the specific product designated and may not be applicable when such product is used in combination with other materials or in any process. The user should thoroughly test any application before commercialization. Nothing contained herein constitutes a license to practice under any patent and it should not be construed as an inducement to infringe any patent and the user is advised to take appropriate steps to be sure that any proposed use of the product will not result in patent infringement.