

KYNAR®

FILM 302 PGM TR

Kynar® film 302 PGM TR is a flexible thermoplastic fluorinated film. The properties are the same as standard grade: chemical resistance, resistance to UV, low permeation, high purity, excellent mechanical behavior. These films are specially designed for photovoltaic applications.

for photovoltaic applications.

PROPERTIES	VALUE	UNIT	TEST STANDARD
MECHANICAL PROPERTIES			
Stress at Yield, parallel	45	MPa	ISO 527-3
	6530	psi	
Stress at Yield, normal	45	MPa	ISO 527-3
	6530	psi	
Strain at Yield, parallel	11	%	ISO 527-3
Strain at Yield, normal	11	%	ISO 527-3
Maximum Stress, parallel	30	MPa	ISO 527-3
	4350	psi	
Maximum Stress, normal	30	MPa	ISO 527-3
	4350	psi	
Maximum Strain, parallel	100	%	ISO 527-3
Maximum Strain, normal	50	%	ISO 527-3
Trouser Tear Resistance, parallel	2	N/mm	ISO 6383-1
Trouser Tear Resistance, normal	3	N/mm	ISO 6383-1
ELECTRICAL PROPERTIES			
Dielectric (Electric) Strength	110	kV/mm	IEC 60243-1
	2790	kV/in	
OTHER PROPERTIES			
Humidity Absorption	0.2	%	Sim. to ISO 62
Density	1400	kg/m³	ISO 1183
	1.4	g/cm³	
FILM PROPERTIES			
Type of Extrusion	blown	-	-
Thickness of Specimen	0.03	mm	-
	0.00118	in	

KYNAR[®]

FILM 302 PGM TR

SPECIAL CHARACTERISTICS	
Light Stabilized	
REGIONAL AVAILABILITY	
North America, Europe, Asia Pacific, South and Central America, Near East/Africa	