

# KYNAR®

## FILM 252 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.

Applications:

PROPERTIES	VALUE	UNIT	TEST STANDARD
MECHANICAL PROPERTIES			
Stress at Yield, parallel	30	MPa	ISO 527-3
	4350	psi	
Stress at Yield, normal	30	MPa	ISO 527-3
	4350	psi	
Strain at Yield, parallel	7	%	ISO 527-3
Strain at Yield, normal	7	%	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	150	%	ISO 527-3
Maximum Strain, normal	150	%	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	100	kV/mm	IEC 60243-1
	2540	kV/in	
OTHER PROPERTIES			
Humidity Absorption	0.2	%	Sim. to ISO 62
Density	1400	kg/m <sup>3</sup>	ISO 1183
	1.4	g/cm <sup>3</sup>	
FILM PROPERTIES			
Type of Extrusion	blown	-	-
Thickness of Specimen	0.025	mm	-
	0.000984	in	

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