

CS Hyde Company

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PRODUCT INFORMATION

46-__F
HYTREL 7246 FILM

PHYSICAL PROPERTIES:

Property	Test Method	Units	Value
Mechanical			
Tensile Stress	ISO 8256	kJ/m2	300
Strain 10%			
Strain 5%			
Yield Stress	ISO 527-1/2	MPa	
50mm/min			30
Stress at Break	ISO 527-1/2	MPa	45,8
Nominal Strain at Break	ISO 527-1/2	%	
50mm/min			>50
Strain at Break	ISO 527-1/2	%	360
Yield Strain	ISO 527-1/2	%	
50mm/min			25
Tensile Modulus	ISO 527-1/2	MPa	
1mm/min			525
Tensile Creep Modulus	ISO 899	MPa	
1000h			312
1h			360
Flexural Modulus	ISO 178	MPa	
-40C			2410
23C			570
100C			207
Notched Izod Impact	ASTM D 256/A	J/m	
-40C			40
23C			210
Notched Charpy Impact	ISO 179/1eA	kJ/m2	
-30C			5
23C			30
Unnotched Charpy Impact	ISO 179/1eU	kJ/m2	
-30C			No break
23C			No break

*The above values are "Typical Values" which have a nominal range about them and are not intended for specification purposes.