

Teonex® TN8065S

PEN

Teijin Chemicals Ltd.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2200	MPa	ISO 527
Yield stress	80	MPa	ISO 527
Yield strain	7	%	ISO 527
Stress at break	40	MPa	ISO 527
Strain at break	50	%	ISO 527
Flexural modulus, 23°C	2200	MPa	ISO 178
Flexural strength	98	MPa	ISO 178
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	2.8	kJ/m ²	ISO 179/1eA
ASTM Data			
Rockwell Hardness	M 107	-	ASTM D 785

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	92	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	107	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	1330	kg/m ³	ISO 1183

Characteristics**Certifications**

Food contact, Food approval 10/2011

Regional Availability

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