

Product Texts

Hytrell® HTR6108 is a 61 Shore D High Performance Polyester Elastomer with Low Permeability to Fuels and Oils

Processing/Physical Characteristics

	Value	Unit	Test Standard
ISO Data			
^[C] Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577
^[C] Molding shrinkage, normal	0.7	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	190	MPa	ISO 527
^[C] Charpy notched impact strength, -30°C	4.5	kJ/m ²	ISO 179/1eA
^[C] Stress at 10% elongation	11	MPa	ISO 527
^[C] Stress at break TPE	32	MPa	ISO 527
^[C] Strain at break TPE	290	%	ISO 527
^[C] Shore D hardness	55	-	ISO 7619-1

[C]: CAMPUS

Thermal properties

	Value	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	165	°C	ISO 11357-1/-3
^[C] Temp. of deflection under load, 0.45 MPa	47	°C	ISO 75-1/-2

[C]: CAMPUS

Other properties

	Value	Unit	Test Standard
^[C] Density	1250	kg/m ³	ISO 1183

[C]: CAMPUS

Film Properties

	Value	Unit	Test Standard
ISO Data			
^[C] WVTR, 23°C/85%r.h.	120	g/(m ² *d)	ISO 15106-1/-2
^[C] Oxygen transmission rate, 23°C/85%r.h.	1000	cm ³ /(m ² *d*bar)	ISO 15105-1/-2
^[C] Thickness of specimen	0.025	mm	-

[C]: CAMPUS

Characteristics**Processing**

Injection Molding, Film Extrusion, Profile Extrusion, Sheet Extrusion, Other Extrusion, Coating, Thermoforming

Delivery form

Pellets

Features

Barrier Properties

Regional Availability

North America, Europe, Asia Pacific, South and Central America

Other text information**Injection molding**