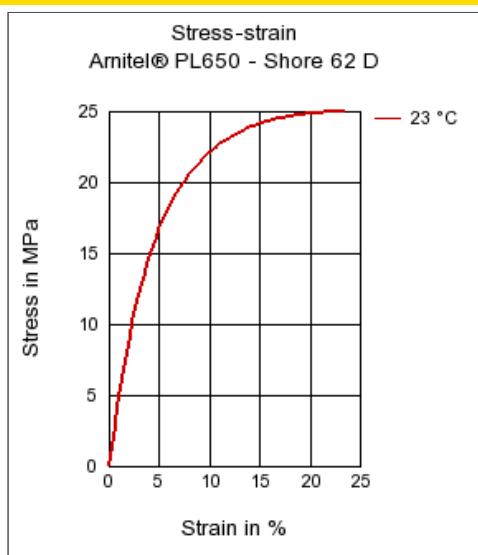




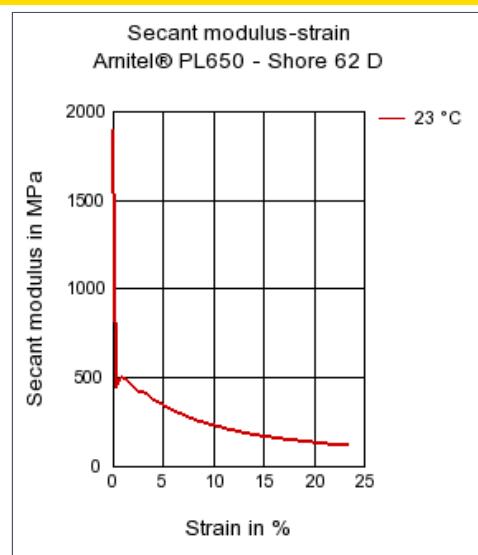
Arnitel® PL650 - Shore 62 D					
TPC		DSM Engineering Plastics			
Product Texts					
Injection Molding					
ISO 18064 TPC-ET					
Arnitel website					
Rheological properties		Value	Unit		
ISO Data		Test Standard			
Melt volume-flow rate, MVR	26	cm ³ /10min	ISO 1133		
Temperature	230	°C	ISO 1133		
Load	2.16	kg	ISO 1133		
Mechanical properties		Value	Unit		
ISO Data		Test Standard			
Tensile Modulus	430	MPa	ISO 527-1/-2		
Yield stress	25	MPa	ISO 527-1/-2		
Yield strain	24	%	ISO 527-1/-2		
Charpy notched impact strength (+23°C)	23	kJ/m ²	ISO 179/1eA		
Charpy notched impact strength, -30°C	7	kJ/m ²	ISO 179/1eA		
Stress at 10% elongation	22.1	MPa	ISO 527-1/-2		
Stress at 100% elongation	22.1	MPa	ISO 527-1/-2		
Stress at break TPE	35	MPa	ISO 527-1/-2		
Tear strength	150	kN/m	ISO 34-1		
Thermal properties		Value	Unit		
ISO Data		Test Standard			
Melting temperature (10°C/min)	221	°C	ISO 11357-1/-3		
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10		
Thickness tested	1.5	mm	IEC 60695-11-10		
UL recognition	UL	-	-		
Other properties		Value	Unit		
ISO Data		Test Standard			
Density	1250	kg/m ³	ISO 1183		

Diagrams

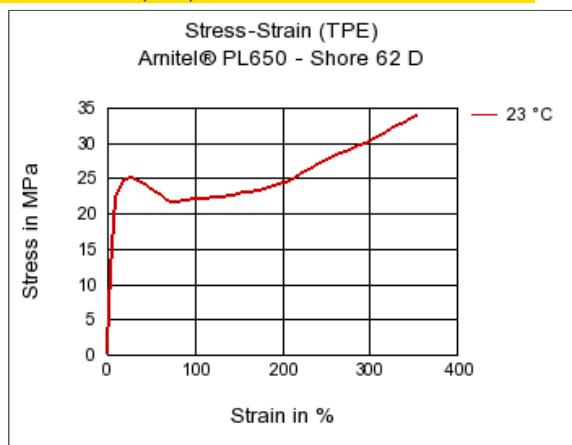
Stress-strain



Secant modulus-strain



Stress-Strain (TPE)



Characteristics

Processing

Injection Molding

Delivery form

Pellets

Other text information

Injection Molding

[Injection Molding Recommendations](#)