



Arnitel® PM460 - Shore 46 D

TPC

DSM Engineering Plastics

Product Texts

Injection Molding

ISO 18064 TPC-ET

[Arnitel website](#)

Rheological properties	Value	Unit	Test Standard		
ISO Data					
Melt volume-flow rate, MVR	10	cm ³ /10min	ISO 1133		
Temperature	230	°C	ISO 1133		
Load	2.16	kg	ISO 1133		
Mechanical properties					
ISO Data					
Tensile Modulus	200	MPa	ISO 527-1/-2		
Charpy notched impact strength (+23°C)	N	kJ/m ²	ISO 179/1eA		
Charpy notched impact strength, -30°C	N	kJ/m ²	ISO 179/1eA		
Stress at 10% elongation	9.9	MPa	ISO 527-1/-2		
Stress at 100% elongation	17	MPa	ISO 527-1/-2		
Stress at break TPE	21.1	MPa	ISO 527-1/-2		
Thermal properties					
ISO Data					
Melting temperature (10°C/min)	216	°C	ISO 11357-1/-3		
Temp. of deflection under load (0.45 MPa)	65	°C	ISO 75-1/-2		
Other properties					
ISO Data					
Density	1210	kg/m ³	ISO 1183		
Characteristics					
Processing		Delivery form			
Film Extrusion, Profile Extrusion, Sheet Extrusion, Other Extrusion		Pellets			
Other text information					
Injection Molding					
Injection Molding Recommendations					