

<b>Arnitel® PB582-H - Shore 55 D</b>					
TPC		DSM Engineering Plastics			
<b>Product Texts</b>					
Blow Molding Grade, Heat Stabilized					
ISO 18064 TPC-ET					
<a href="#">Arnitel website</a>					
Rheological properties	Value	Unit	Test Standard		
<b>ISO Data</b>					
Melt volume-flow rate, MVR	2.9	cm <sup>3</sup> /10min	ISO 1133		
Temperature	230	°C	ISO 1133		
Load	10	kg	ISO 1133		
Mechanical properties	Value	Unit	Test Standard		
<b>ISO Data</b>					
Tensile Modulus	300	MPa	ISO 527-1/-2		
Charpy notched impact strength (+23°C)	N	kJ/m <sup>2</sup>	ISO 179/1eA		
Charpy notched impact strength, -30°C	14	kJ/m <sup>2</sup>	ISO 179/1eA		
Stress at 10% elongation	16.5	MPa	ISO 527-1/-2		
Stress at 100% elongation	26.7	MPa	ISO 527-1/-2		
Stress at break TPE	30	MPa	ISO 527-1/-2		
Tear strength	100	kN/m	ISO 34-1		
Thermal properties	Value	Unit	Test Standard		
<b>ISO Data</b>					
Melting temperature (10°C/min)	220	°C	ISO 11357-1/-3		
Temp. of deflection under load (0.45 MPa)	100	°C	ISO 75-1/-2		
Vicat softening temperature, 50°C/h 50N	105	°C	ISO 306		
Other properties	Value	Unit	Test Standard		
<b>ISO Data</b>					
Density	1230	kg/m <sup>3</sup>	ISO 1183		
<b>Characteristics</b>					
<b>Processing</b>		<b>Special Characteristics</b>			
Blow Molding		Heat stabilized or stable to heat			
<b>Delivery form</b>					
Pellets					