

TECHNICAL DATA SHEET

# Arnitel® PB582-H

Envalior  
TPC

**Processing**

Blow molding

**Delivery Form**

Pellets

**Special Characteristics**

Heat stabilized or stable to heat

## Product Text

**Product Information**

Blow Molding Grade, Heat Stabilized

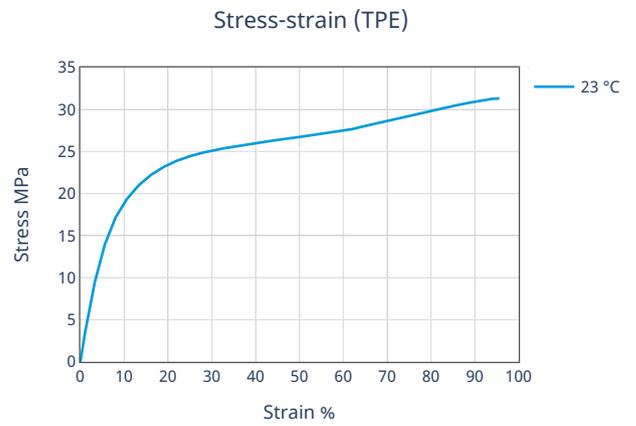
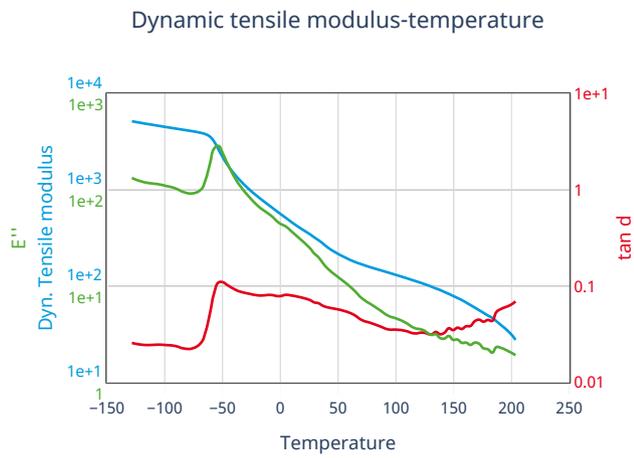
ISO 18064 TPC-ET

Processing/Physical Characteristics	Value	Unit	Standard
Melt volume-flow rate, MVR	2.9	cm <sup>3</sup> /10min	ISO 1133
Temperature	230	°C	
Load	10	kg	
Mechanical Properties	Value	Unit	Standard
Charpy impact strength, +23°C	N	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy impact strength, -30°C	N	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	N	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy notched impact strength, -30°C	15	kJ/m <sup>2</sup>	ISO 179/1eA
Stress at 10% elongation	18	MPa	ISO 527
Stress at 100% elongation	28	MPa	
Stress at break TPE	30	MPa	ISO 527
Thermal Properties	Value	Unit	Standard
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, B	105	°C	ISO 306
Other Properties	Value	Unit	Standard
Density	1230	kg/m <sup>3</sup>	ISO 1183

# Arnitel® PB582-H

Envalior

## Diagrams



## Processing Information

Blow molding

Arnitel® Blow Molding Recommendations