


**Arnitel® PM460-H - Shore 45 D**

TPC

DSM Engineering Plastics

**Product Texts**

Injection Molding, Heat Stabilized

ISO 18064 TPC-ET

**Rheological properties**
**ISO Data**

	Value	Unit	Test Standard
Melt volume-flow rate, MVR	9.6	cm <sup>3</sup> /10min	ISO 1133
Temperature	230	°C	ISO 1133
Load	2.16	kg	ISO 1133

**Mechanical properties**
**ISO Data**

	Value	Unit	Test Standard
Tensile Modulus	120	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	N	kJ/m <sup>2</sup>	ISO 179/1eA
Stress at 10% elongation	8.4	MPa	ISO 527-1/-2
Stress at 100% elongation	15.5	MPa	ISO 527-1/-2
Stress at break TPE	19.5	MPa	ISO 527-1/-2

**Thermal properties**
**ISO Data**

	Value	Unit	Test Standard
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**

	Value	Unit	Test Standard
Density	1210	kg/m <sup>3</sup>	ISO 1183

**Characteristics**
**Processing**

Film Extrusion, Profile Extrusion, Sheet Extrusion, Other Extrusion

**Special Characteristics**

Heat stabilized or stable to heat

**Delivery form**

Pellets