

TECHNICAL DATA SHEET

# Arnitel® PM460-H

Envalior  
TPC

**Processing**

Injection molding, Film extrusion, Profile extrusion, Sheet extrusion, Other extrusion

Pellets

**Special Characteristics**

Heat stabilized or stable to heat

**Delivery Form**

## Product Text

**Product Information**

Injection Molding, Heat Stabilized

ISO 18064 TPC-ET

Processing/Physical Characteristics	Value	Unit	Standard
Melt volume-flow rate, MVR	9.6	cm <sup>3</sup> /10min	ISO 1133
Temperature	230	°C	
Load	2.16	kg	
Mechanical Properties	Value	Unit	Standard
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
Stress at 100% elongation	15.5	MPa	
Stress at break TPE	19.5	MPa	ISO 527
Thermal Properties	Value	Unit	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	Value	Unit	Standard
Density	1205	kg/m <sup>3</sup>	ISO 1183

## Processing Information

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## ***Film extrusion***

Arnitel® Recommendations for Extrusion

## ***Other extrusion***

Arnitel® Recommendations for Extrusion