

TECHNICAL DATA SHEET

Arnitel® EB463

Envalior
TPC

Processing

Blow molding

Delivery Form

Pellets

Special Characteristics

Heat stabilized or stable to heat

Product Text

Product Information

Blow Molding Grade

ISO 18064 TPC-ET

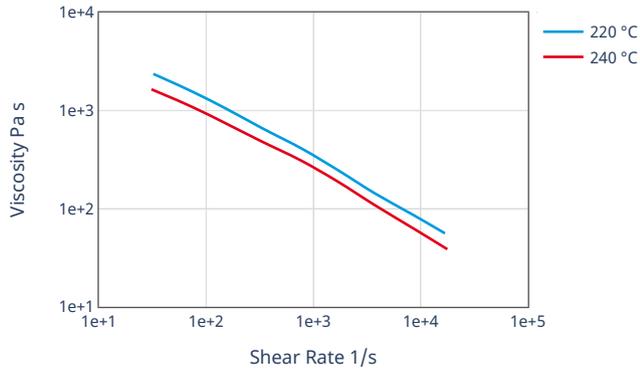
Processing/Physical Characteristics	Value	Unit	Standard
Melt volume-flow rate, MVR	10.5	cm ³ /10min	ISO 1133
Temperature	230	°C	
Load	10	kg	
Mechanical Properties	Value	Unit	Standard
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact 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	6.1	MPa	ISO 527
Stress at 100% elongation	14	MPa	
Stress at break TPE	17	MPa	ISO 527
Thermal Properties	Value	Unit	Standard
Melting temperature, 10°C/min	203	°C	ISO 11357-1/-3
Other Properties	Value	Unit	Standard
Water absorption	0.7	%	Sim. to ISO 62
Humidity absorption	0.3	%	Sim. to ISO 62
Density	1147	kg/m ³	ISO 1183

Arnitel® EB463

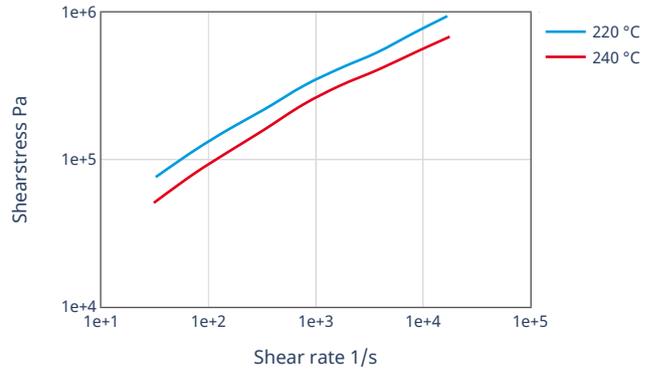
Envalior

Diagrams

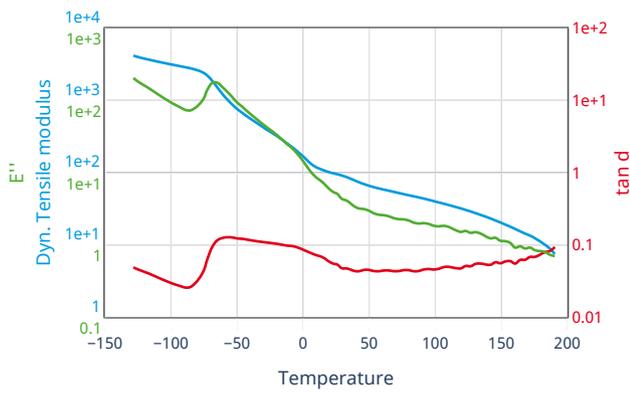
Viscosity-shear rate



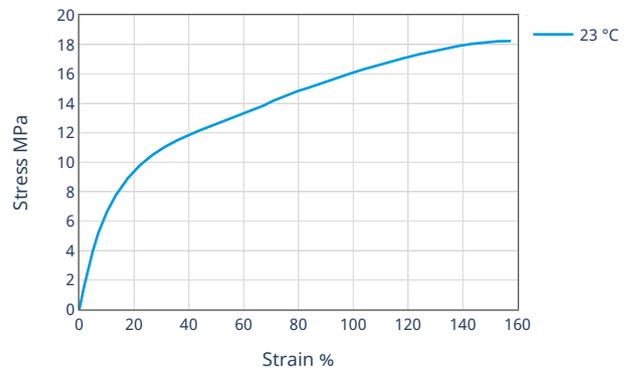
Shearstress-shear rate



Dynamic tensile modulus-temperature



Stress-strain (TPE)



Processing Information

Blow molding

Arnitel® Blow Molding Recommendations