

TECHNICAL DATA SHEET

Arnite® T04 200

Envalior
PBT

Processing

Injection molding, Film extrusion, Other extrusion

Pellets

Certifications

Food contact

Delivery Form

Product Text

Product Information

Low Viscosity

ISO 1043 PBT

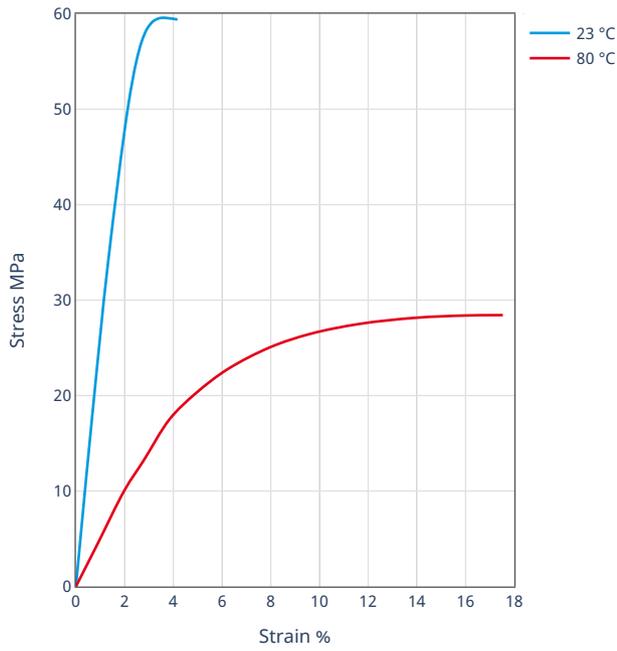
Processing/Physical Characteristics	Value	Unit	Standard
Melt volume-flow rate, MVR	75	cm ³ /10min	ISO 1133
Temperature	250	°C	
Load	2.16	kg	
Thermal Properties	Value	Unit	Standard
Melting temperature, 10°C/min	225	°C	ISO 11357-1/-3
Other Properties	Value	Unit	Standard
Water absorption	0.45	%	Sim. to ISO 62
Humidity absorption	0.18	%	Sim. to ISO 62
Density	1300	kg/m ³	ISO 1183

Diagrams

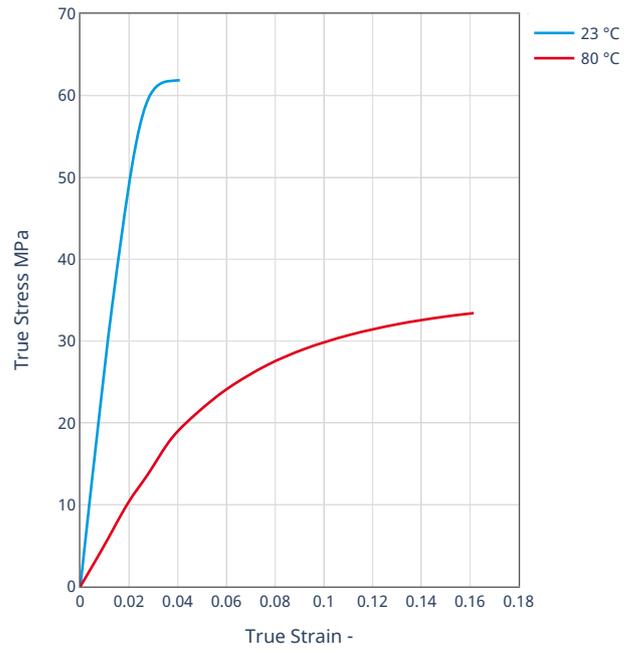
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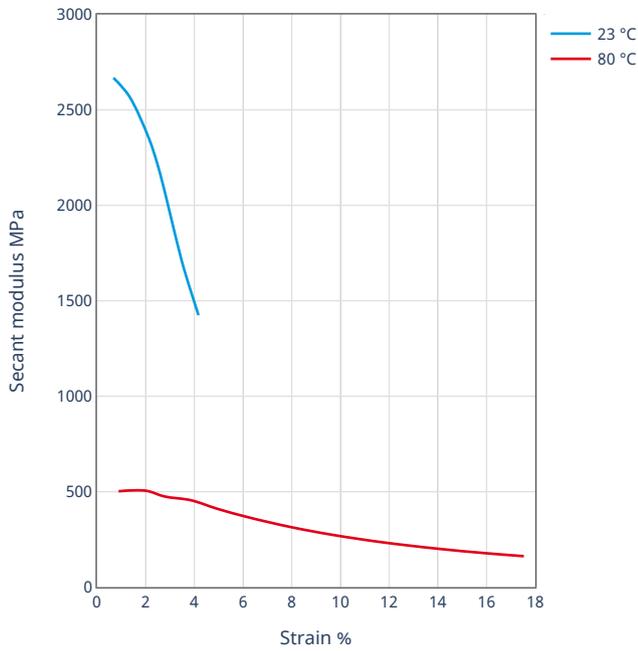
Stress-strain



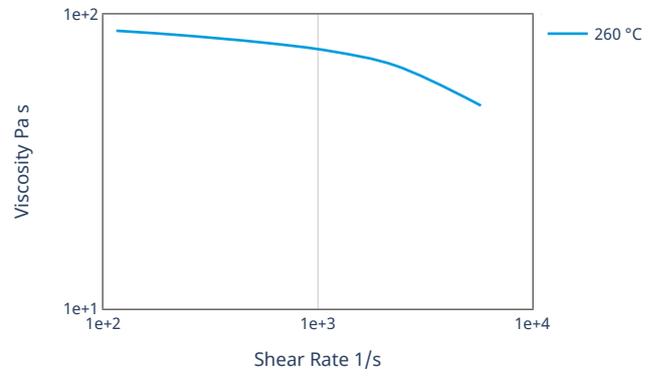
True stress-true strain



Secant modulus-strain

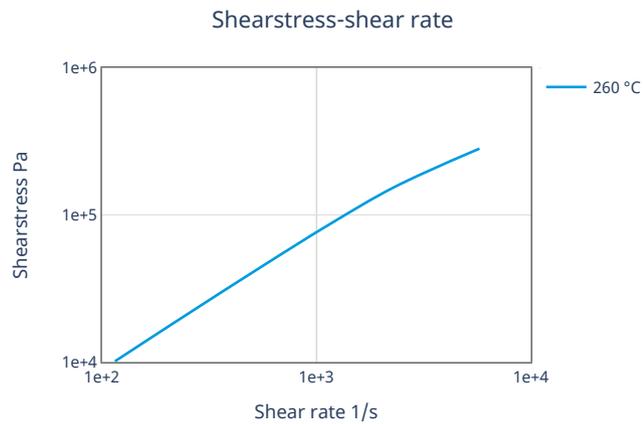


Viscosity-shear rate



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Processing Information

Injection molding

Injection Molding Recommendations

Steel recommendations for molds screws and barrels

Supporting document for Stanyl quality processing