

# Arnite<sup>®</sup> T08 200 (extrusion)

## PBT

High Viscosity, Injection Molding, Extrusion, Food Contact Quality

Print Date: 2024-03-27

PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
<b>RHEOLOGICAL PROPERTIES</b>			
	VALUE		
Melt volume-flow rate	10	cm <sup>3</sup> /10min	ISO 1133
Temperature	250	°C	ISO 1133
Load	2.16	kg	ISO 1133
<b>THERMAL PROPERTIES</b>			
	VALUE		
Melting temperature (10°C/min)	225	°C	ISO 11357-1/-3
<b>OTHER PROPERTIES</b>			
	VALUE		
Water absorption	0.45	%	Sim. to ISO 62
Humidity absorption	0.18	%	Sim. to ISO 62
Density	1300	kg/m <sup>3</sup>	ISO 1183
<b>MATERIAL SPECIFIC PROPERTIES</b>			
	VALUE		
RSV m-cresol, 1g/100ml	2.4	—	Envalior Method
<b>RHEOLOGICAL CALCULATION PROPERTIES</b>			
	VALUE		
Thermal conductivity of melt	0.109	W/(m K)	—
Spec. heat capacity melt	2260	J/(kg K)	—

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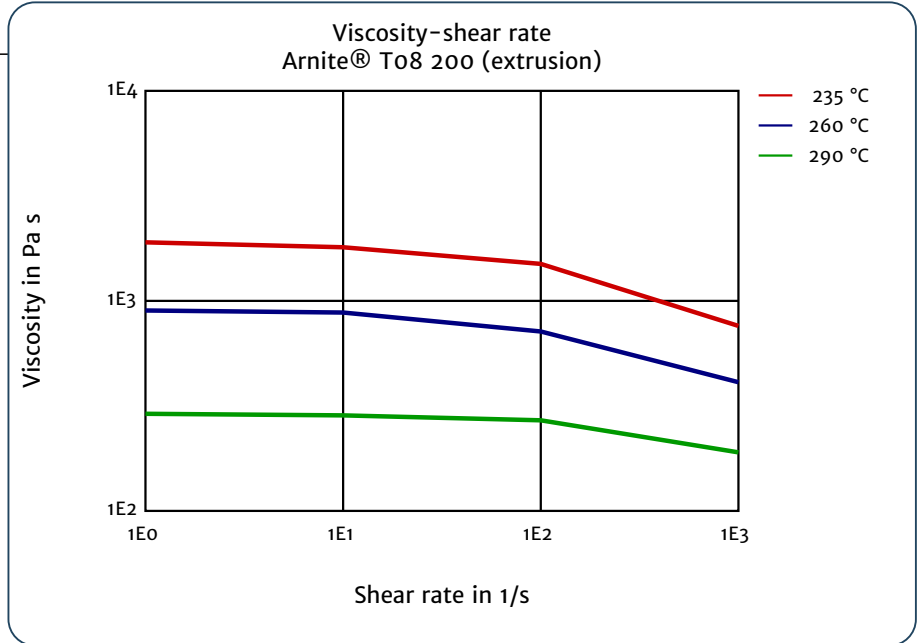
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## Viscosity–shear rate



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