

DSM Engineering Plastics - Property Data

Arnite® T08 200 (extrusion)

PBT-unfilled

High Viscosity, Injection Molding, Extrusion

Properties	Typical Data	Unit	Test Method
RHEOLOGICAL PROPERTIES			
Melt volume-flow rate	10	cm ³ /10min	ISO 1133
Temperature	250	°C	ISO 1133
Load	2.16	kg	ISO 1133
THERMAL PROPERTIES			
Melting temperature (10°C/min)	225	°C	ISO 11357-1/-3
OTHER PROPERTIES			
Water absorption	0.45	%	Sim. to ISO 62
Humidity absorption	0.18	%	Sim. to ISO 62
Density	1300	kg/m ³	ISO 1183
Apparent density	0.85	kg/m ³	ISO 60
MATERIAL SPECIFIC PROPERTIES			
RSV m-cresol, 1g/100ml	2.4	-	DSM method
RHEOLOGICAL CALCULATION PROPERTIES			
Thermal conductivity of melt	0.109	W/(m K)	-
Spec. heat capacity melt	2260	J/(kg K)	-

01.04.2004



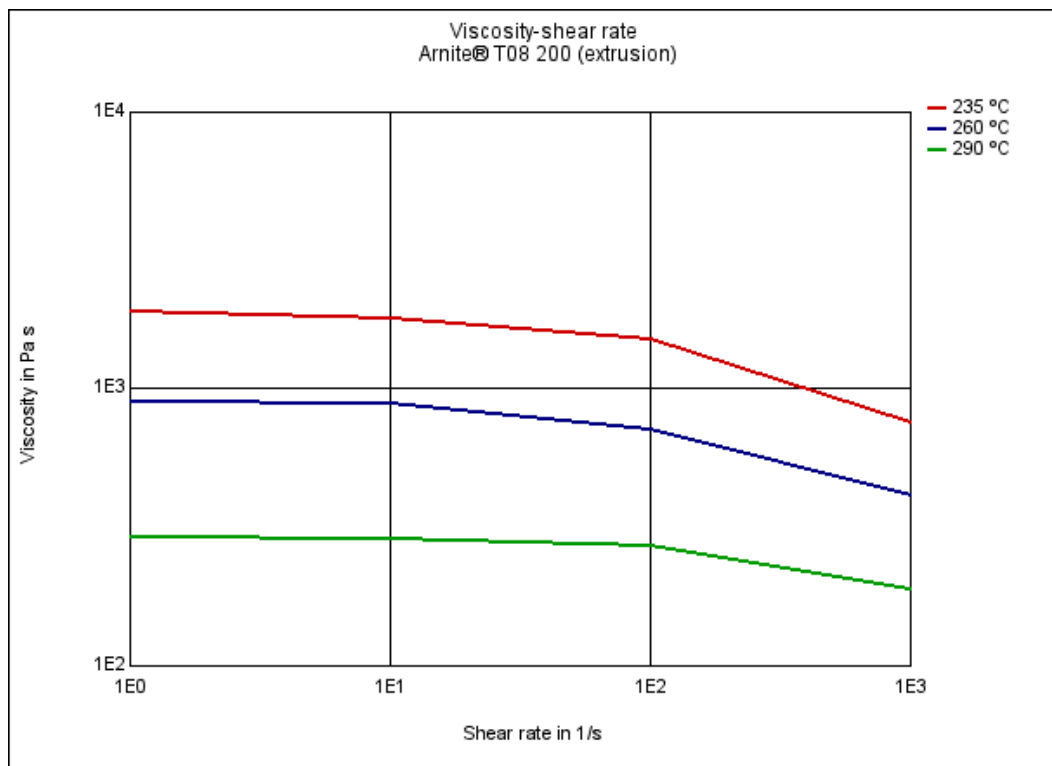
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VISCOSITY-SHEAR RATE



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