

Arnite[®] T08 200 (extrusion)

PBT

High Viscosity, Injection Molding, Extrusion, Food Contact Quality

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

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Viscosity–shear rate

