

# Arnite<sup>®</sup> A06 700

## PET

Very High Viscosity, Improved Impact, Extrusion, Food Contact Quality

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<i>PROPERTIES</i>	<i>TYPICAL DATA</i>	<i>UNIT</i>	<i>TEST METHOD</i>
<b><i>RHEOLOGICAL PROPERTIES</i></b>			
	<i>VALUE</i>		
Melt volume-flow rate	7.5	cm <sup>3</sup> /10min	ISO 1133
Temperature	270	°C	ISO 1133
Load	2.16	kg	ISO 1133
<b><i>THERMAL PROPERTIES</i></b>			
	<i>VALUE</i>		
Melting temperature (10°C/min)	255	°C	ISO 11357-1/-3
<b><i>OTHER PROPERTIES</i></b>			
	<i>VALUE</i>		
Humidity absorption	0.3	%	Sim. to ISO 62
Density	1400	kg/m <sup>3</sup>	ISO 1183
<b><i>MATERIAL SPECIFIC PROPERTIES</i></b>			
	<i>VALUE</i>		
RSV m-cresol, 1g/100ml	2.1	–	Envalior Method
<b><i>RHEOLOGICAL CALCULATION PROPERTIES</i></b>			
	<i>VALUE</i>		
Thermal conductivity of melt	0.205	W/(m K)	–
Spec. heat capacity melt	2050	J/(kg K)	–

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