

DSM Engineering Plastics - Property Data

Arnite® A06 300

PET-unfilled

Very High Viscosity, Transparent, Extrusion

Properties	Typical Data	Unit	Test Method
THERMAL PROPERTIES			
Melting temperature (10°C/min)	255	°C	ISO 11357-1/-3
OTHER PROPERTIES			
Water absorption	0.75	%	Sim. to ISO 62
Humidity absorption	0.3	%	Sim. to ISO 62
Density	1400	kg/m ³	ISO 1183
Apparent density	0.85	kg/m ³	ISO 60
MATERIAL SPECIFIC PROPERTIES			
RSV m-cresol, 1g/100ml	2.04	-	DSM method
RHEOLOGICAL CALCULATION PROPERTIES			
Thermal conductivity of melt	0.24	W/(m K)	-
Spec. heat capacity melt	2050	J/(kg K)	-

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