

DSM Engineering Plastics - Property Data

Arnite® T06 206 T

(PBT+Imod)-unfilled

Properties	Typical Data	Unit	Test Method
MECHANICAL PROPERTIES			
Tensile modulus	1600	MPa	ISO 527-1/-2
Yield stress	35	MPa	ISO 527-1/-2
Yield strain	4	%	ISO 527-1/-2
Nominal strain at break	40	%	ISO 527-1/-2
Charpy impact strength (+23°C)	N	kJ/m ²	ISO 179/1eU
Charpy impact strength (-30°C)	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	20	kJ/m ²	ISO 179/1eA
Charpy notched impact strength (-30°C)	12	kJ/m ²	ISO 179/1eA
ELECTRICAL PROPERTIES			
Volume resistivity	>1E13	Ohm*m	IEC 60093
Surface resistivity	>1E15	Ohm	IEC 60093

