

Arnitel[®] XG01JK

TPC-ET

Extrusion Grade

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<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	4.3	cm ³ /10min	ISO 1133
Temperature	230	°C	ISO 1133
Load	2.16	kg	ISO 1133
<i>MECHANICAL PROPERTIES</i>			
	<i>VALUE</i>		
Shore A Hardness (3s)	88	–	ISO 868
Tensile modulus	60	MPa	ISO 527-1/-2
Stress at break	10.6	MPa	ISO 527-1/-2
Nominal strain at break	440	%	ISO 527-1/-2
Stress at 10% strain	3.5	MPa	ISO 527-1/-2
Stress at 100% strain	5.3	MPa	ISO 527-1/-2
<i>THERMAL PROPERTIES</i>			
	<i>VALUE</i>		
Melting temperature (10°C/min)	195	°C	ISO 11357-1/-3
<i>ELECTRICAL PROPERTIES</i>			
	<i>VALUE</i>		
Volume resistivity	8.3E10	Ohm*m	IEC 62631-3-1
Electric strength	19.8	kV/mm	IEC 60243-1
<i>OTHER PROPERTIES</i>			
	<i>VALUE</i>		
Density	1130	kg/m ³	ISO 1183
Water absorption	0.2	%	Sim. to ISO 62
Humidity absorption	0.65	%	Sim. to ISO 62

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