

**Arnitel® XG01JK**
*Envalior - Thermoplastic Copolyester Elastomer*
**General Information**
**Product Description**

Extrusion Grade

**General**

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Asia Pacific • Europe • Latin America • North America
Processing Method	• Extrusion
Resin ID	• TPC-ET

**Properties <sup>1</sup>**

Physical	Nominal Value	Unit	Test Method
Density	1.13	g/cm <sup>3</sup>	ISO 1183
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	4.3	cm <sup>3</sup> /10min	ISO 1133
Water Absorption (Saturation, 73°F)	0.20	%	ISO 62
Water Absorption (Equilibrium, 73°F, 50% RH)	0.65	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	8700	psi	ISO 527-1
Tensile Stress (Break)	1540	psi	ISO 527-2
Tensile Stress			ISO 527-2
10% Strain	508	psi	
100% Strain	769	psi	
Nominal Tensile Strain at Break	440	%	ISO 527-2
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 3 sec)	88		ISO 868
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature <sup>2</sup>	-94.0	°F	ISO 11357-2
Melting Temperature <sup>2</sup>	383	°F	ISO 11357-3
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	8.3E+10	ohms·m	IEC 62631-3-1
Electric Strength	500	V/mil	IEC 60243-1

**Notes**
<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> 10°C/min
