

Arnitel[®] EL250

TPC-ET

27 Shore D, Per stampaggio a iniezione

Proprietà	Dati tipici	Unità	Metodo test
Proprietà Reologiche			
Indice di fusione di volume	35	cm ³ /10min	ISO 1133
Temperatura	230	°C	ISO 1133
Carico	2.16	kg	ISO 1133
Proprietà Meccaniche			
Modulo a trazione	25	MPa	ISO 527-1/-2
Deformazione nominale a rottura	>50	%	ISO 527-1/-2
Deformazione a rottura	>50	%	ISO 527-1/-2
Resist. urto Charpy con intaglio(+23°C)	N	kJ/m ²	ISO 179/1eA
Resist. urto Charpy con intaglio(-30°C)	N	kJ/m ²	ISO 179/1eA
Resist. urto Izod con intaglio (+23°C)	N	kJ/m ²	ISO 180/1A
Resist. urto Izod con intaglio (-20°C)	N	kJ/m ²	ISO 180/1A
Resist. urto Izod con intaglio (-40°C)	N	kJ/m ²	ISO 180/1A
Resistenza all'urto-trazione(+23°C)	N	kJ/m ²	ISO 8256/1
Proprietà Termiche			
Temperatura di fusione	180	°C	ISO 11357-1/-3
Temperatura di transizione vetrosa	-80	°C	ISO 11357-1/-2
Coeff.di dilatazione termica lin. (parallelo)	2.2	E-4/°C	ISO 11359-1/-2
Coeff.di dilatazione termica lin. (perpend.)	2.2	E-4/°C	ISO 11359-1/-2
Proprietà Elettriche			
Resistività volumica	5E12	Ohm*m	IEC 60093
Altre Proprietà (Film)			
Assorbimento d'acqua	0.8	%	Sim. to ISO 62
Massa volumica	1080	kg/m ³	ISO 1183
Proprietà Specifiche Materiale			
Viscosità relativa in soluzione di m-cresolo 1g/100ml	3.9	-	DSM method

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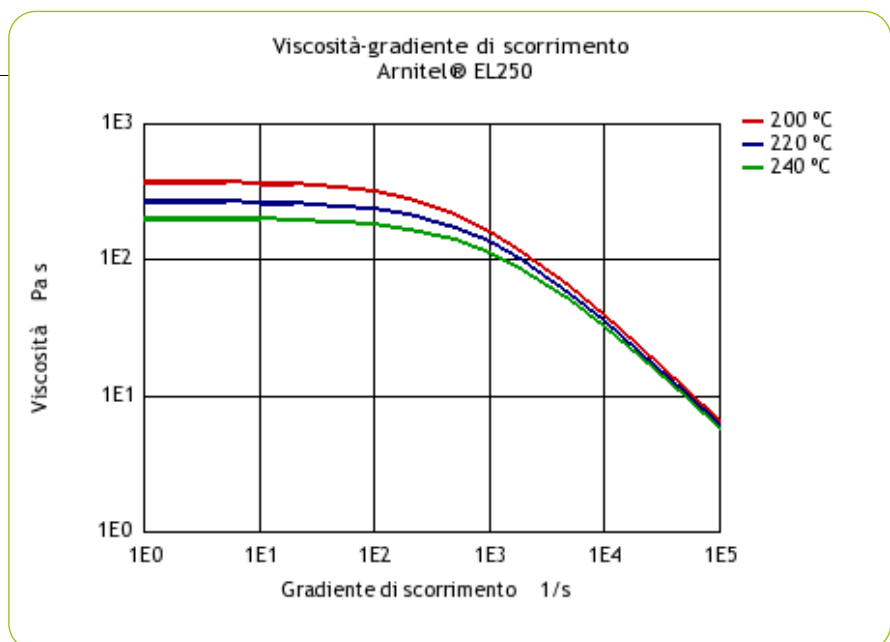


Dati Proprietà (Provvisorio)

Arnitel[®] EL250

Proprietà	Dati tipici	Unità	Metodo test
Proprietà Reologiche			
Densità del fuso	905	kg/m ³	-
Proprietà meccaniche (TPE)			
Carico unitario al 10% di allungamento	1.8	MPa	ISO 527-1/-2
Carico unitario al 100% di allungamento	5	MPa	ISO 527-1/-2
Deformazione a rottura	>300	%	ISO 527-1/-2

Viscosità-gradiente di scorrimento



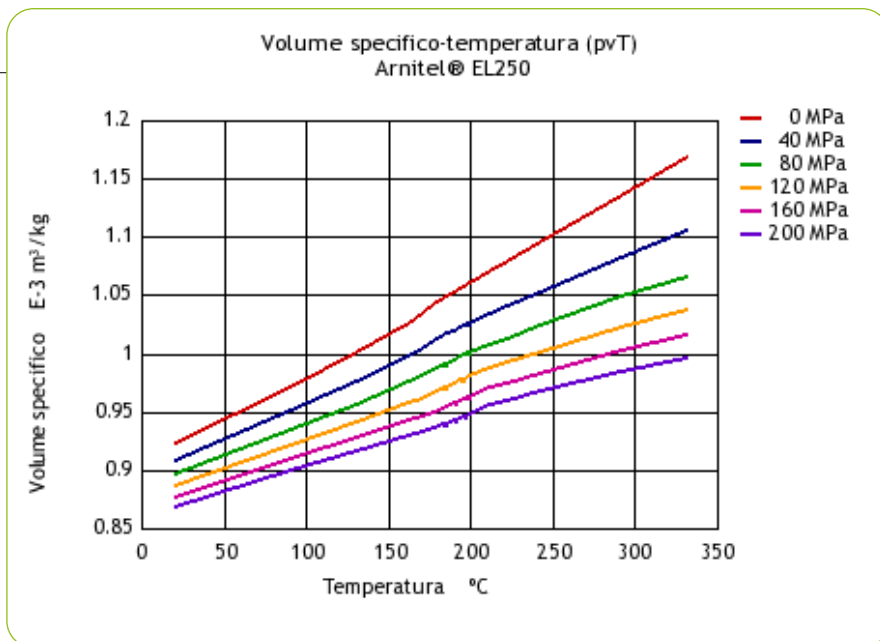
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Volume specifico-temperatura
(pvT)



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