

Anjatech® 100X-E

Polycarbonate
Almaak International GmbH

Message:

Anjatech® 100X-E is a Polycarbonate (PC) material. It is available in Europe.
Important attributes of Anjatech® 100X-E are:
High Viscosity
Impact Modified

General Information			
Additive	Impact Modifier		
Features	High Viscosity		
	Impact Modified		
Appearance	Natural Color		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.20	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (300°C/1.2 kg)	8.00	cm³/10min	ISO 1133
Water Absorption			ISO 62
23°C, 24 hr	0.35	%	
Equilibrium, 23°C, 50% RH	0.15	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2500	MPa	ISO 527-2/1
Tensile Stress (Break)	65.0	MPa	ISO 527-2/5
Tensile Strain (Break)	85	%	ISO 527-2/5
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	58	kJ/m²	
23°C	65	kJ/m²	
	No Break		
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	140	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature	100	°C	
Drying Time	2.0 to 5.0	hr	
Suggested Max Moisture	0.020	%	
Processing (Melt) Temp	260 to 280	°C	

Mold Temperature	80.0 to 100	°C
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Recommended distributors for this material

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