

Anjatech® 010/50-E

Polycarbonate + PBT
Almaak International GmbH

Message:

Anjatech® 010/50-E is a Polycarbonate + PBT (PC+PBT) material. It is available in Europe for injection molding.
Important attributes of Anjatech® 010/50-E are:
Flame Rated
Impact Modified
Impact Resistant

General Information			
Additive	Impact Modifier		
Features	High Impact Resistance		
	Impact Modified		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.22	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (260°C/2.16 kg)	18.0	cm³/10min	ISO 1133
Water Absorption			ISO 62
23°C, 24 hr	0.50	%	
Equilibrium, 23°C, 50% RH	0.15	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2300	MPa	ISO 527-2/1
Tensile Stress (Yield)	55.0	MPa	ISO 527-2/50
Tensile Strain (Break)	5.0	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	50	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	105	°C	ISO 75-2/B
1.8 MPa, Unannealed	80.0	°C	ISO 75-2/A
Vicat Softening Temperature	122	°C	ISO 306/B50
Flammability	Nominal Value		Test Method
Flame Rating (1.60 mm)	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	95.0	°C	
Drying Time	2.0 to 5.0	hr	
Suggested Max Moisture	0.020	%	
Processing (Melt) Temp	250 to 270	°C	

Mold Temperature	60.0 to 80.0	°C
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Recommended distributors for this material

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