

Anjaconduct® 150-FR/KF1E6

Polycarbonate
Almaak International GmbH

Message:

Anjaconduct® 150-FR/KF1E6 is a Polycarbonate (PC) material. It is available in Europe.
Important attributes of Anjaconduct® 150-FR/KF1E6 are:
Flame Rated
Flame Retardant

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Good Electrical Properties		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.26	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (300°C/1.2 kg)	7.00	cm ³ /10min	ISO 1133
Molding Shrinkage			ISO 294-4
Across Flow	0.30	%	
Flow	0.10	%	
Water Absorption			ISO 62
23°C, 24 hr	0.29	%	
Equilibrium, 23°C, 50% RH	0.13	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	10000	MPa	ISO 527-2/1
Tensile Stress (Yield)	125	MPa	ISO 527-2/50
Tensile Strain (Break)	2.5	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	5.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	38	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	145	°C	ISO 75-2/B
1.8 MPa, Unannealed	140	°C	ISO 75-2/A
Vicat Softening Temperature	145	°C	ISO 306/B50
Melting Temperature	148	°C	DSC
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	< 1.0E+6	ohms	DIN 53482
Flammability	Nominal Value	Unit	Test Method

Flame Rating (1.60 mm)	V-0	UL 94
Injection	Nominal Value	Unit
Drying Temperature	120	°C
Drying Time	2.0 to 6.0	hr
Suggested Max Moisture	0.020	%
Processing (Melt) Temp	280 to 300	°C
Mold Temperature	85.0 to 120	°C

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Recommended distributors for this material

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