

Anjaconduct® 150-FR/KF1E9

Polycarbonate
Almaak International GmbH

Message:

Anjaconduct® 150-FR/KF1E9 is a Polycarbonate (PC) material. It is available in Europe.
Important attributes of Anjaconduct® 150-FR/KF1E9 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)	1.24	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (300°C/1.2 kg)	5.50	cm³/10min	ISO 1133
Water Absorption			ISO 62
23°C, 24 hr	0.30	%	
Equilibrium, 23°C, 50% RH	0.13	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6800	MPa	ISO 527-2/1
Tensile Stress (Break)	95.0	MPa	ISO 527-2/5
Tensile Strain (Break)	3.0	%	ISO 527-2/5
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	6.2	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	46	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	150	°C	ISO 75-2/B
1.8 MPa, Unannealed	145	°C	ISO 75-2/A
Vicat Softening Temperature	150	°C	ISO 306/B50
Melting Temperature	140	°C	DSC
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	< 1.0E+9	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 5.0	hr
Suggested Max Moisture	0.020	%
Processing (Melt) Temp	280 to 320	°C
Mold Temperature	80.0 to 120	°C

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Recommended distributors for this material

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