

Anjaflam® 050/85S-FR

Polycarbonate + ABS
Almaak International GmbH

Message:

Anjaflam® 050/85S-FR is a Polycarbonate + ABS (PC+ABS) material. It is available in Europe for injection molding.
Important attributes of Anjaflam® 050/85S-FR are:
Flame Rated
Flame Retardant

General Information			
UL YellowCard	E169818-100159849		
Additive	Flame Retardant		
Features	Flame Retardant		
	Good Flow		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.19	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (260°C/5.0 kg)	26.0	cm³/10min	ISO 1133
Water Absorption			ISO 62
23°C, 24 hr	0.70	%	
Equilibrium, 23°C, 50% RH	0.20	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2500	MPa	ISO 527-2/1
Tensile Stress (Yield)	60.0	MPa	ISO 527-2/50
Tensile Strain (Break)	4.0	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	40	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	100	°C	ISO 75-2/B
1.8 MPa, Unannealed	90.0	°C	ISO 75-2/A
Vicat Softening Temperature	110	°C	ISO 306/B50
Electrical	Nominal Value	Unit	Test Method
Electric Strength	30	kV/mm	IEC 60243-1
Comparative Tracking Index	600	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	V-0		UL 94
Glow Wire Flammability Index (4.00 mm)	960	°C	IEC 60695-2-12

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	240 to 280	°C
Mold Temperature	60.0 to 80.0	°C

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Recommended distributors for this material

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