

SITRACON 22E-V0-IM / C3002

Polycarbonate + PBT

SITRAPLAS GmbH

Message:

Material: Blend from Polybutylenterephthalat and Polycarbonate, flammretardend, Impact modified, generally type
Application areas: Electronic components, household applications
Highlights: flammretardend

General Information			
Additive	Flame Retardant		
	Impact Modifier		
Features	Flame Retardant		
	Impact Modified		
Uses	Electrical Parts		
	Household Goods		
Resin ID (ISO 1043)		>PC+PBT<	
Physical	Nominal Value	Unit	Test Method
Density	1.32	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (260°C/5.0 kg)	32.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	> 2000	MPa	ISO 527-2/1
Tensile Stress			
Yield	> 50.0	MPa	ISO 527-2/50
Break	> 30.0	MPa	ISO 527-2/5
Tensile Strain (Yield)	3.0	%	ISO 527-2/50
Nominal Tensile Strain at Break	> 15	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	> 15	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	125	°C	ISO 306/B50
Flammability	Nominal Value	Test Method	
Flame Rating (3.00 mm)	V-0	UL 94	

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