

SITRACON 16E / C01000

Polycarbonate + PBT

SITRAPLAS GmbH

Message:

Material: Blend from Polybutylenterephthalat and Polycarbonate, Generally type

Application areas: For painted Exterior-Applications

Highlights: Elastomer-modified

General Information			
Additive	Impact Modifier		
Features	Impact Modified		
Uses	Outdoor Applications		
Resin ID (ISO 1043)	>PC+PBT<		
Physical	Nominal Value	Unit	Test Method
Density	1.20	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (260°C/5.0 kg)	16.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	> 2200	MPa	ISO 527-2/1
Tensile Stress (Yield)	> 50.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	4.0	%	ISO 527-2/50
Nominal Tensile Strain at Break	> 50	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	60	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
-30°C	No Break		
23°C	No Break		
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm)	HB		UL 94

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