

SITRADUR 35E / C01000

Polybutylene Terephthalate

SITRAPLAS GmbH

Message:

SITRADUR 35E / C01000 is a Polybutylene Terephthalate (PBT) material. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.

General Information			
Physical	Nominal Value	Unit	Test Method
Density	1.30	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (260°C/2.16 kg)	38.0	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2300	MPa	ISO 527-2/1
Tensile Stress			
Yield	58.0	MPa	ISO 527-2/50
Break	> 50.0	MPa	ISO 527-2/5
Tensile Strain (Break)	3.0	%	ISO 527-2/5
Nominal Tensile Strain at Break	2.5	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	5.0	kJ/m²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	170	°C	ISO 306/B50

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Recommended distributors for this material

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