

SITRADUR TF20 / C94150

Polybutylene Terephthalate

SITRAPLAS GmbH

Message:

SITRADUR TF20 / C94150 is a Polybutylene Terephthalate (PBT) material. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America for injection molding.

Important attributes of SITRADUR TF20 / C94150 are:

- Flame Rated
- Lubricated
- Wear Resistant

General Information			
Additive	PTFE Lubricant (20%)		
Features	Good Flow		
	Good Wear Resistance		
	Low Friction		
Processing Method	Injection Molding		
Resin ID (ISO 1043)	>PBT+PTFE<		
Physical	Nominal Value	Unit	Test Method
Density	1.41	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	> 2300	MPa	ISO 527-2/1
Tensile Stress (Break)	> 40.0	MPa	ISO 527-2/5
Tensile Strain (Break)	> 4.0	%	ISO 527-2/5
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	> 1.5	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	> 20	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	170	°C	ISO 306/B50
Flammability	Nominal Value	Test Method	
Flame Rating (1.50 mm)	HB	UL 94	

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Recommended distributors for this material

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