

# SITRALOY 2030-TF10 / C94150

Polycarbonate + ABS

SITRAPLAS GmbH

Message:

Material: Polycarbonate with Acrylnitril-Butadien-Styrol with PTFE

Application areas: Button, Case

General Information			
Additive	PTFE Lubricant (10%)		
Features	Lubricated		
Uses	Buttons		
Resin ID (ISO 1043)	>PC+ABS-SD10<		
Physical	Nominal Value	Unit	Test Method
Density	1.17	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	26	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (260°C/5.0 kg)	24.0	cm <sup>3</sup> /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)	7.0	%	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)	15	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	130	°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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