

SITRALAC 9E-TF15 / C94150

Acrylonitrile Butadiene Styrene

SITRAPLAS GmbH

Message:

Material: Acrylnitril-Butadien-Styrol
Application areas: Case
Highlights: With 15% PTFE

General Information			
Additive	PTFE Lubricant (15%)		
Features	Lubricated		
Resin ID (ISO 1043)	>ABS+SD15<		
Physical	Nominal Value	Unit	Test Method
Density	1.13	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	12	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (220°C/10.0 kg)	10.0	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2200	MPa	ISO 527-2/1
Tensile Stress			
Yield	38.0	MPa	ISO 527-2/50
Break	30.0	MPa	ISO 527-2/5
Tensile Strain (Yield)	4.0	%	ISO 527-2/50
Nominal Tensile Strain at Break	45	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	10	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	55	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	92.0	°C	ISO 306/B50
Flammability	Nominal Value	Test Method	
Flame Rating (1.50 mm)	HB	UL 94	

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