ALTECH® ABS A 1000/106 GY2093-07LS

Acrylonitrile Butadiene Styrene

ALBIS PLASTIC GmbH

Message:

ALTECH®ABS A 1000/106 GY2093-07LS is an acrylonitrile butadiene styrene (ABS) product. It can be processed by injection molding and is available in North America, Europe or the Asia-Pacific region. ALTECH®The application fields of ABS A 1000/106 GY2093-07LS include electrical/electronic applications and electrical appliances.
Features include:
Comply with REACH standard
ROHS certification
high liquidity
Stable

General Information			
Additive	Processing stabilizer		
Features	Laser marking High liquidity		
Uses	Electrical/Electronic Applications Electrical appliances		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.06	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (220°C/10.0 kg)	30.0	cm³/10min	ISO 1133
Hardness	**Nominal Value**	**Unit**	**Test Method**
Ball Indentation Hardness (H 358/30)	102	MPa	ISO 2039-1
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	2350	MPa	ISO 527-2
Tensile Stress	44.0	MPa	ISO 527-2
Tensile Strain (Break)	11	%	ISO 527-2
Flexural Modulus	2400	MPa	ISO 178
Flexural Stress	65.0	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength	20	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength	100	kJ/m²	ISO 179/1eU
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (1.8 MPa, Unannealed)	81.0	°C	ISO 75-2/A
Vicat Softening Temperature	94.0	°C	ISO 306/B50

Injection	Nominal Value	Unit
Drying Temperature		
Dehumidification desiccant	80	°C
Hot air dryer	80	°C
Drying Time		
Dehumidification desiccant	3.0 - 6.0	hr
Hot air dryer	2.0 - 4.0	hr
Processing (Melt) Temp	220 - 260	°C
Mold Temperature	50 - 80	°C

Recommended distributors for this material

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