

ALTECH® ASA A 1000/720 UV WT1082-11

Acrylonitrile Styrene Acrylate

ALBIS PLASTIC GmbH

Message:

ALTECH® ASA A 1000/720 UV WT1082-11 is an Acrylonitrile Styrene Acrylate (ASA) product. It can be processed by extrusion or injection molding and is available in Asia Pacific, Europe, or North America. Applications of ALTECH® ASA A 1000/720 UV WT1082-11 include automotive and housings.

Characteristics include:

- Flame Rated
- REACH Compliant
- RoHS Compliant
- Good Weather Resistance
- Stabilized

General Information			
Additive	Processing Stabilizer		
	UV Stabilizer		
Features	Good Weather Resistance		
Uses	Automotive Applications		
	Automotive Exterior Parts		
	Housings		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.10	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (220°C/10.0 kg)	5.00	cm³/10min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	70.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2300	MPa	ISO 527-2
Tensile Stress			ISO 527-2
Yield	40.0	MPa	
--	40.0	MPa	
Tensile Strain			ISO 527-2
Yield	3.0	%	
Break	14	%	
Flexural Modulus	2100	MPa	ISO 178
Flexural Stress			ISO 178

--	65.0	MPa	
3.5% Strain	60.0	MPa	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
--	7.0	kJ/m ²	
-40°C	2.0	kJ/m ²	
-20°C	4.0	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179/1eU
--	No Break		
-40°C	40	kJ/m ²	
-20°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	90.0	°C	ISO 75-2/A
Vicat Softening Temperature	90.0	°C	ISO 306/B50
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
0.750 mm	HB		
1.50 mm	HB		
3.00 mm	HB		
Glow Wire Flammability Index			IEC 60695-2-12
1.00 mm	650	°C	
2.00 mm	650	°C	
3.00 mm	650	°C	
Injection	Nominal Value	Unit	
Drying Time			
Circulation Dryer	3.0 to 6.0	hr	
Desiccant Dryer	2.0 to 4.0	hr	
Processing (Melt) Temp	240 to 280	°C	
Mold Temperature	40.0 to 80.0	°C	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT