

ALTECH® PA6 + ASA A 4010/621 MR10 IM UV

Acrylonitrile Styrene Acrylate + PA

ALBIS PLASTIC GmbH

Message:

ALTECH®PA6 + ASA 4010/621 MR10 IM UV is an acrylonitrile-styrene-acrylate + nylon (ASA + nylon) product, which contains 10% mineral fillers. It can be processed by injection molding and is available in North America, Europe or the Asia-Pacific region.

Features include:

Comply with REACH standard

ROHS certification

high liquidity

anti-warping

beautiful

General Information			
Filler / Reinforcement	Mineral filler, 10% filler by weight		
Additive	heat stabilizer		
	UV stabilizer		
Features	Low warpage		
	High liquidity		
	Scratch resistance		
	Thermal Stability		
	Soft		
	Good demoulding performance		
	Low or no water absorption		
	Excellent appearance		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.17	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (260°C/5.0 kg)	40.0	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2500	MPa	ISO 527-2
Tensile Stress (Break)	55.0	MPa	ISO 527-2
Tensile Strain (Break)	15	%	ISO 527-2
Flexural Modulus	2600	MPa	ISO 178
Flexural Stress	80.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	10	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength	90	kJ/m²	ISO 179/1eU

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	70.0	°C	ISO 75-2/A
Vicat Softening Temperature	120	°C	ISO 306/B50
Flammability	Nominal Value	Test Method	
Fire Behavior, FMVSS (2.00 mm)	passed	ISO 37	
Injection	Nominal Value	Unit	
Drying Temperature - Desiccant Dryer	80	°C	
Drying Time - Desiccant Dryer	4.0	hr	
Suggested Max Moisture	< 0.10	%	
Processing (Melt) Temp	250 - 280	°C	
Mold Temperature	40 - 80	°C	

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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

