

ALTECH® PBT + ABS A 2020/620 GF 20 UV

Polybutylene Terephthalate + ASA

ALBIS PLASTIC GmbH

Message:

ALTECH® PBT + ABS A 2020/620 GF 20 UV is a Polybutylene Terephthalate + ASA (PBT+ASA) product filled with 20% glass fiber. It is available in Asia Pacific, Europe, or North America.

Characteristics include:

REACH Compliant

RoHS Compliant

Heat Stabilizer

UV Stabilized

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Additive	Heat Stabilizer		
	UV Stabilizer		
Features	Heat Stabilized		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.33	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (260°C/5.0 kg)	25.0	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6200	MPa	ISO 527-2
Tensile Stress	80.0	MPa	ISO 527-2
Tensile Strain (Break)	2.0	%	ISO 527-2
Flexural Modulus	5600	MPa	ISO 178
Flexural Stress	115	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
--	5.0	kJ/m²	
-40°C	3.0	kJ/m²	
Charpy Unnotched Impact Strength			ISO 179/1eU
--	35	kJ/m²	
-40°C	30	kJ/m²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	140	°C	ISO 75-2/A
Vicat Softening Temperature	128	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature - Desiccant Dryer	90.0 to 115	°C	

Drying Time - Desiccant Dryer	2.0 to 4.0	hr
Processing (Melt) Temp	250 to 280	°C
Mold Temperature	60.0 to 90.0	°C

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Recommended distributors for this material

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