

ALCOM® PP 620/1 WT1433-05LB

Polypropylene
ALBIS PLASTIC GmbH

Message:

ALCOM® PP 620/1 WT1433-05LB is a Polypropylene product filled with 30% filler. It is available in Asia Pacific, Europe, or North America. Applications of ALCOM® PP 620/1 WT1433-05LB include automotive and lighting applications.

Characteristics include:

REACH Compliant

RoHS Compliant

General Information			
Filler / Reinforcement	Filler,30% Filler by Weight		
Features	High Reflectivity		
Uses	Automotive Applications		
	Lighting Applications		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Appearance	Opaque		
	White		
Physical	Nominal Value	Unit	Test Method
Density	1.22	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	19.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3900	MPa	ISO 527-2
Tensile Strain (Break)	5.0	%	ISO 527-2
Flexural Stress	55.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	3.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	28	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	86.0	°C	ISO 75-2/A
Vicat Softening Temperature	100	°C	ISO 306/B50
Additional Information	Nominal Value	Unit	Test Method
Tristimulus Value			
Y10 of Reflection	87	%	DIN 5033
Y10 of Transmittance : 500.0 µm	0.50	%	ISO 13468
Injection	Nominal Value	Unit	
Drying Temperature			

Circulation Dryer	80.0 to 100	°C
Desiccant Dryer	80.0 to 100	°C
Drying Time		
Circulation Dryer	2.0 to 4.0	hr
Desiccant Dryer	2.0 to 3.0	hr
Processing (Melt) Temp	200 to 270	°C
Mold Temperature	20.0 to 90.0	°C

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Recommended distributors for this material

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