

ALCOM® PP 620/1 MR40 WT1034-05LB

Polypropylene
ALBIS PLASTIC GmbH

Message:

ALCOM® PP 620/1 MR40 WT1034-05LB is a Polypropylene product filled with 40% filler. It is available in Asia Pacific, Europe, or North America. Applications of ALCOM® PP 620/1 MR40 WT1034-05LB include automotive, lighting applications and reflectors. Characteristics include:
REACH Compliant
RoHS Compliant

General Information			
Filler / Reinforcement	Filler,40% Filler by Weight		
Features	High Reflectivity		
Uses	Automotive Applications		
	Lighting Applications		
	Reflectors		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Appearance	Opaque		
Physical	Nominal Value	Unit	Test Method
Density	1.27	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	22.0	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3200	MPa	ISO 527-2
Tensile Stress	28.0	MPa	ISO 527-2
Tensile Strain (Break)	4.0	%	ISO 527-2
Flexural Modulus	3620	MPa	ISO 178
Flexural Stress	50.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
--	3.0	kJ/m²	
-40°C	2.0	kJ/m²	
Charpy Unnotched Impact Strength			ISO 179/1eU
--	29	kJ/m²	
-40°C	10	kJ/m²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	85.0	°C	ISO 75-2/A
Vicat Softening Temperature	102	°C	ISO 306/B50
Additional Information	Nominal Value	Unit	Test Method

Tristimulus Value			
Y10 of Reflection	95	%	DIN 5033
Y10 of Transmittance : 500.0 μm	0.20	%	ISO 13468
Injection	Nominal Value	Unit	
Drying Temperature	80.0 to 100	°C	
Drying Time	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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