

ALCOM® PP 620/40 IM UV WT1020-13MCX

Polypropylene
ALBIS PLASTIC GmbH

Message:

ALCOM®PP 620/40 IM UV WT1020-13MCX is a polypropylene product. It can be processed by injection molding and is available in North America, Europe or the Asia-Pacific region. ALCOM®The application fields of PP 620/40 IM UV WT1020-13MCX include building applications, electrical/electronic applications, housing and sporting goods.

Features include:

- Comply with REACH standard
- ROHS certification
- Impact modification
- UV stability

General Information			
Additive	Impact modifier		
	UV stabilizer		
Features	Impact modification		
Uses	Electrical/Electronic Applications		
	Building materials		
	Architectural application field		
	Sporting goods		
	Shell		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	20.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	850	MPa	ISO 527-2
Flexural Modulus	750	MPa	ISO 178
Flexural Stress	21.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
--	48	kJ/m ²	ISO 179/1eA
-40°C	4.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
--	No Break		ISO 179/1eU
-40°C	100	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method

Heat Deflection Temperature (1.8 MPa, Unannealed)	48.0	°C	ISO 75-2/A
Vicat Softening Temperature	45.0	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature			
Dehumidification desiccant	80 - 100	°C	
Hot air dryer	80 - 100	°C	
Drying Time			
Dehumidification desiccant	2.0 - 4.0	hr	
Hot air dryer	2.0 - 3.0	hr	
Processing (Melt) Temp	200 - 270	°C	
Mold Temperature	20 - 70	°C	

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