

# POULOY 2001A

Polycarbonate + ABS  
POLYROCKS CHEMICAL CO., LTD

Message:

POULOY 2001A is a Polycarbonate + ABS (PC+ABS) product. It is available in Asia Pacific. Applications of POULOY 2001A include electrical/electronic applications and audio/video.

Characteristics include:

- Flame Rated
- Good UV Resistance
- High Flow
- Impact Resistant

General Information			
Features	Good Electrical Properties		
	Good UV Resistance		
	High Flow		
	High Impact Resistance		
Uses	Communication Applications		
	Electrical/Electronic Applications		
	Video Equipment		
UL File Number	E253482		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.11	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/3.8 kg)	12	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.50 to 0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	56.0	MPa	ASTM D638
Tensile Elongation (Break)	60	%	ASTM D638
Flexural Modulus	2400	MPa	ASTM D790
Flexural Strength	80.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	550	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	115	°C	
1.8 MPa, Unannealed	101	°C	
Flammability	Nominal Value	Test Method	
Flame Rating		UL 94	
1.50 mm	HB		
3.00 mm	HB		

Injection	Nominal Value	Unit
Drying Temperature	90.0 to 100	°C
Drying Time	3.0 to 4.0	hr
Processing (Melt) Temp	240 to 260	°C
Mold Temperature	70.0 to 80.0	°C

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#### Recommended distributors for this material

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