

# Polyrocks 7001A

Acrylonitrile Butadiene Styrene

Polyrocks Chemical Co., Ltd

## Message:

7001(+) is environmental flame retardant ABS with environmental bromine-antimony flame retardant system. Adopting the advanced processing technology to ensure flame ratardant effect and have good rigidity and toughness. Environmental flame retardant ABS has passed SGS, CTI tests, and meets the requirements of RoHS, SVHC, PFOS & PFOA, 16P, PAHs...etc.

Flame retardant ABS7001A: high impact strength, good toughness.

Application: shells and panels of electronic appliances, outer panels of automotive...etc.

General Information			
Additive	Flame retardancy 2		
Features	Good Rigidity		
	Impact resistance, high		
	Good toughness		
	Flame retardancy		
Uses	Electrical/Electronic Applications		
	Home appliance components		
	Car exterior decoration		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Forms	Particles		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.18	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR)	60	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	45.0	MPa	ASTM D638
Tensile Elongation (Break)	30	%	ASTM D638
Flexural Modulus	2400	MPa	ASTM D790
Flexural Strength	55.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	300	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	85.0	°C	ASTM D648
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.5 mm	V-0		UL 94
2.0 mm	V-0		UL 94
3.0 mm	5VA		UL 94

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