

# Polyrocks 7001D

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.

General Information			
Additive	Flame retardancy 2		
Features	Good Rigidity		
	Good toughness		
	Flame retardancy		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Forms	Particles		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR)	40	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	2300	MPa	ASTM D790
Flexural Strength	65.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	150	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	95.0	°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
Glow Wire Flammability Index	850	°C	IEC 60695-2-12

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