

# Abstron BL60

Acrylonitrile Butadiene Styrene  
Bhansali Engineering Polymers Limited

Message:

Abstron BL60 is an Acrylonitrile Butadiene Styrene (ABS) product. It can be processed by injection molding and is available in Asia Pacific.  
Characteristics include:  
Flame Rated  
Impact Modified

General Information			
Additive	Impact Modifier		
Features	Impact Modified		
Appearance	White		
Forms	Powder		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	8.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.40 to 0.60	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale, Injection Molded)	106		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield, 3.20 mm, Injection Molded <sup>1</sup>	34.3	MPa	
Yield, 3.20 mm, Injection Molded <sup>2</sup>	38.2	MPa	
Flexural Modulus <sup>3</sup> (6.40 mm, Injection Molded)	1860	MPa	ASTM D790
Flexural Strength <sup>4</sup> (6.40 mm, Injection Molded)	53.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
23°C, 3.20 mm, Injection Molded	570	J/m	
23°C, 6.40 mm, Injection Molded	390	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load <sup>5</sup> (1.8 MPa, Annealed, 6.40 mm, Injection Molded)	93.0	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (3.20 mm)	V-0		UL 94
NOTE			
1.	Type I, 5.0 mm/min		

2.	Type I, 50 mm/min
3.	5.0 mm/min
4.	5.0 mm/min
5.	Annealed at 85°C for 2 hr

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#### Recommended distributors for this material

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