

SANTAC® AT-05

Acrylonitrile Butadiene Styrene

Nippon A&L; Inc.

Message:

SANTAC® AT-05 is an Acrylonitrile Butadiene Styrene (ABS) material. It is available in Asia Pacific or North America for extrusion. Primary attribute of SANTAC® AT-05: Flame Rated.

General Information			
UL YellowCard	E54706-245133		
Agency Ratings	JHOSPA Unspecified Rating		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.05	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (220°C/10.0 kg)	58.0	cm ³ /10min	ISO 1133
Molding Shrinkage	0.40 to 0.60	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale, 23°C)	106		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	42.0	MPa	ISO 527-2
Flexural Modulus (23°C)	2040	MPa	ISO 178
Flexural Stress (23°C)	63.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	16	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	78.0	°C	ISO 75-2/A
CLTE - Flow (23 to 80°C)	8.0E-5	cm/cm/°C	JIS K7197
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Extrusion	Nominal Value	Unit	
Drying Temperature	80.0 to 90.0	°C	
Drying Time	> 3.0	hr	

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Recommended distributors for this material

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