

Starex NT-7310

Acrylonitrile Butadiene Styrene
LOTTE ADVANCED MATERIALS CO., LTD.

Message:
Flame-retardant ABS that can be applied to printer frame etc.

General Information			
UL YellowCard	E115797-100064602		
Features	Flame retardancy		
Uses	Printing machine parts		
Physical	Nominal Value	Unit	Test Method
Specific Gravity (Natural)	1.16	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	20	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.20 mm)	0.50 - 0.70	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	90		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	31.0	MPa	ASTM D638
Tensile Elongation ² (Break)	10	%	ASTM D638
Flexural Modulus ³	1900	MPa	ASTM D790
Flexural Strength ⁴	49.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
23°C, 3.18 mm	160	J/m	ASTM D256
23°C, 6.35 mm	130	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 6.40 mm)	80.0	°C	ASTM D648
Vicat Softening Temperature	90.0	°C	ISO 306/B50
Flammability	Nominal Value		Test Method
Flame Rating (1.5 to 3.0mm)	V-0		UL 94
NOTE			
1.	5.0 mm/min		
2.	5.0 mm/min		
3.	2.8 mm/min		
4.	2.8 mm/min		

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