

Genestar™ TA112

Polyamide 9T
Kuraray Co., Ltd.

Message:

Genestar™ TA112 is a reinforced injection grade.
Main features of TA112 are;
High reflectivity
Less color change by heat and light
High reliability
Examples of application are;
LED reflectors

General Information			
Filler / Reinforcement	Filler		
Features	High Heat Resistance		
	High Reflectivity		
Uses	Reflectors		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.48	g/cm ³	ISO 1183
Molding Shrinkage			
Flow : 1.00 mm	0.50	%	
Across Flow : 1.00 mm	0.90	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	75.0	MPa	ASTM D638
Tensile Elongation (Break)	1.5	%	ASTM D638
Flexural Modulus	6000	MPa	ASTM D790
Flexural Strength	140	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	275	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+16	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating (3.00 mm)	HB		UL 94
Additional Information	Nominal Value	Unit	
Bar Flow Length ¹ (320°C, 500.0 μm)	4.40	cm	
NOTE			
1.	750kgf		

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