

Abistir® UG AS-UV BIANCO 0301

Acrylonitrile Butadiene Styrene

SO.F.TER. SPA

Message:

UV stabilized, antistatic ABS grade, excellent gloss and molding properties

General Information			
Additive	Antistatic		
	UV Stabilizer		
Features	Antistatic		
	Good Moldability		
	Medium Gloss		
Agency Ratings	EC 1907/2006 (REACH)		
Appearance	White		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.07	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	30	g/10 min	ASTM D1238
Molding Shrinkage	0.50	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	45.0	MPa	ASTM D638
Tensile Elongation (Break)	20	%	ASTM D638
Flexural Modulus	2500	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	120	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	95.0	°C	ASTM D1525 ¹
Ball Pressure Test (75°C)	Pass		IEC 335
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.60 mm	HB		
3.20 mm	HB		
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0	hr	
Rear Temperature	190	°C	
Middle Temperature	210	°C	

Front Temperature	230	°C
Mold Temperature	50.0 to 60.0	°C
NOTE		

1. Rate A (50°C/h), Loading 2 (50 N)

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