

Edgetek™ AS-000/000 AS colored UV

Methyl Methacrylate / ABS

PolyOne Corporation

Message:

UV stabilized

General Information			
Additive	Antistatic		
	UV Stabilizer		
Features	Good UV Resistance		
Appearance	Unspecified Color		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.10	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	20	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (220°C/10.0 kg)	18.0	cm ³ /10min	ISO 1133
Molding Shrinkage ¹ (4.00 mm)	0.40 to 0.70	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C, 4.00 mm, Injection Molded)	1600 to 2000	MPa	ISO 527-2/1
Tensile Stress (Yield, 23°C, 4.00 mm, Injection Molded)	40.0 to 45.0	MPa	ISO 527-2/50
Tensile Strain			ISO 527-2/50
Yield, 23°C, 4.00 mm	> 3.0	%	
Break, 23°C, 4.00 mm	> 10	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	14 to 20	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength (23°C)	> 80	kJ/m ²	ISO 179
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+10 to 1.0E+12	ohms	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	HB		UL 94
Injection	Nominal Value	Unit	
Processing (Melt) Temp	230 to 260	°C	
Mold Temperature	50.0 to 80.0	°C	
NOTE			
1.	Bergmann method		

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