

DynaStat® 2357

Polyether Block Amide

Polymer Dynamix

Message:

Antistatic Polyetheramid Compound

Features:

Permanently Static Dissipative

Good Dimensional Stability

Carbon Free

Applications:

Packaging

Industrial

Electrical/Electronic Applications

General Information			
Additive	Antistatic		
Features	Antistatic		
	Good Dimensional Stability		
Uses	Electrical/Electronic Applications		
	Industrial Applications		
	Packaging		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05 to 1.10	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	13.8	MPa	
Break	51.7	MPa	
Tensile Elongation			ASTM D638
Yield	24	%	
Break	> 500	%	
Flexural Modulus	172	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	No Break		ASTM D256
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	5.0E+6 to 8.0E+8	ohms	ASTM D257
Volume Resistivity	5.0E+6 to 8.0E+8	ohms · cm	ASTM D257
Injection	Nominal Value	Unit	
Drying Temperature	82.2	°C	
Drying Time	> 4.0	hr	
Rear Temperature	188 to 191	°C	

Middle Temperature	199 to 202	°C
Front Temperature	199 to 202	°C
Nozzle Temperature	196 to 199	°C
Mold Temperature	32.2 to 37.8	°C
Injection Pressure	4.83 to 5.52	MPa
Injection Rate	Moderate	
Back Pressure	0.00	MPa
Screw Speed	40 to 45	rpm

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