

Diamond ABS 2510 AS/P

Acrylonitrile Butadiene Styrene

Network Polymers, Inc.

Message:

Diamond ABS 2510 AS/P is an Acrylonitrile Butadiene Styrene (ABS) product. It is available in North America.

Characteristics include:

REACH Compliant

RoHS Compliant

WEEE Compliant

Antistatic

General Information			
Additive	Antistatic		
Features	Antistatic		
Agency Ratings	EC 1907/2006 (REACH)		
	EU 2002/96/EC (WEEE)		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.06	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	4.6	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.40 to 0.70	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	110		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	46.9	MPa	ASTM D638
Flexural Modulus ²	2140	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	130	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
1.8 MPa, Unannealed, 3.18 mm	77.8	°C	
1.8 MPa, Annealed, 3.18 mm	93.9	°C	
Vicat Softening Temperature	104	°C	ASTM D1525
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+10	ohms	ASTM D257
Volume Resistivity	1.0E+10	ohms·cm	ASTM D257
NOTE			
1.	51 mm/min		
2.	1.3 mm/min		

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