

Stat-Tech™ ST7400-5006 Natural AS

High Impact Polystyrene
PolyOne Corporation

Message:

Stat-Tech™ ST7400-5006 Natural AS is a High Impact Polystyrene product. It can be processed by injection molding and is available in Europe. Primary characteristic: rohs compliant.

General Information			
Features	Antistatic		
RoHS Compliance	RoHS Compliant		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.03	g/cm³	DIN 53479
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	1580	MPa	ISO 527
Tensile Strength (Break, 23°C)	23.0	MPa	ISO 527
Tensile Elongation (Break, 23°C)	16	%	ISO 527
Flexural Modulus	1500	MPa	ISO 178
Flexural Stress	37.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C, Injection Molded)	8.0	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C, Injection Molded)	42	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	80.0	°C	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	2.0E+12	ohms	IEC 60093

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