

# ALTECH® PS A 1000/240 FR

High Impact Polystyrene

ALBIS PLASTIC GmbH

## Message:

ALTECH® PS A 1000/240 FR is a High Impact Polystyrene product. It is available in Asia Pacific, Europe, or North America.

Characteristics include:

Flame Rated

REACH Compliant

RoHS Compliant

Flame Retardant

Impact Modified

General Information			
Additive	Flame Retardant Impact Modifier		
Features	Flame Retardant Impact Modified		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.11	g/cm <sup>3</sup>	ISO 1183
Melt Volume-Flow Rate (MVR) (200°C/5.0 kg)	5.00	cm <sup>3</sup> /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2100	MPa	ISO 527-2
Tensile Stress (Yield)	25.0	MPa	ISO 527-2
Tensile Strain (Yield)	1.4	%	ISO 527-2
Flexural Modulus	2100	MPa	ISO 178
Flexural Stress	40.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	10	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Unnotched Impact Strength	110	kJ/m <sup>2</sup>	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	83.0	°C	ISO 75-2/A
Vicat Softening Temperature	89.0	°C	ISO 306/B50
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.50 mm)	V-2		UL 94
Injection	Nominal Value	Unit	Test Method
Drying Temperature	60.0 to 80.0	°C	
Drying Time	2.0 to 4.0	hr	

Processing (Melt) Temp	180 to 280	°C
Mold Temperature	10.0 to 70.0	°C

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#### Recommended distributors for this material

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