

Stylac™ VN33H

Acrylonitrile Butadiene Styrene
Asahi Kasei Chemicals Corporation

Message:

Stylac™ VN33H is an Acrylonitrile Butadiene Styrene (ABS) product. It is available in Africa & Middle East, Asia Pacific, or Europe.
Characteristics include:
Flame Rated
Flame Retardant
Halogen Free

General Information			
UL YellowCard	E171626-100694481		
Additive	Flame Retardant		
Features	Flame Retardant		
	Halogen Free		

Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.07	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	81	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (220°C/10.0 kg)	80.0	cm ³ /10min	ISO 1133
Molding Shrinkage - Flow	0.40 to 0.60	%	ASTM D955

Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	50.0	MPa	ISO 527-2/50
Flexural Modulus ¹	2800	MPa	ISO 178
Flexural Stress ²	81.2	MPa	ISO 178

Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	14	kJ/m ²	ISO 179

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	70.4	°C	ISO 75-2/A
Vicat Softening Temperature	87.0	°C	ISO 306/B
RTI Elec	60.0	°C	UL 746
RTI Imp	60.0	°C	UL 746
RTI Str	60.0	°C	UL 746
Ball Pressure Test ³	85	°C	EMAC

Flammability	Nominal Value	Test Method
Flame Rating	UL 94	
1.60 mm	V-2	
3.20 mm	V-2	

NOTE

1.	2.0 mm/min
2.	2.0 mm/min
3.	Registered Number: B-2411

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