

Vitamide® AR38

Polyamide 66

Perrite



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Technical Data

General

Material Status	• Commercial: Active		
Literature ¹	• Technical Datasheet (English)		
Search for UL Yellow Card	• Perrite • Vitamide®		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America • South America
Filler / Reinforcement	• Glass Fiber Reinforcement, 40% Filler by Weight		
Additive	• Heat Stabilizer		
Features	• Heat Stabilized		
Uses	• Windows & Doors		
RoHS Compliance	• RoHS Compliant		
Processing Method	• Injection Molding		

Physical	Nominal Value Unit	Test Method
Density	1.46 g/cm ³	ISO 1183
Molding Shrinkage	0.30 to 0.35 %	
Mechanical	Nominal Value Unit	Test Method
Tensile Stress (Yield)	215 MPa	ISO 527-2
Tensile Strain (Break)	3.5 %	ISO 527-2
Flexural Modulus	10500 MPa	ISO 178
Flexural Strength	290 MPa	ISO 178
Impact	Nominal Value Unit	Test Method
Notched Izod Impact Strength	15 kJ/m ²	ISO 180
Thermal	Nominal Value Unit	Test Method
Heat Deflection Temperature		
0.45 MPa, Unannealed	260 °C	ISO 75-2/B
1.8 MPa, Unannealed	255 °C	ISO 75-2/A
Melting Temperature (DSC)	260 °C	ISO 3146
Electrical	Nominal Value Unit	Test Method
Surface Resistivity	1.0E+14 ohm	IEC 60093
Electric Strength (2.00 mm)	35 kV/mm	IEC 60243-1
Comparative Tracking Index (Solution A)	450 V	IEC 60112
Flammability	Nominal Value Unit	Test Method
Flame Rating	HB	UL 94
Glow Wire Ignition Temperature	650 °C	IEC 60695-2-13

Notes

¹ These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

² Typical properties: these are not to be construed as specifications.

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Where to Buy

Supplier

Perrite

Warrington, Cheshire United Kingdom

Telephone: 44 (0) 1925 810608

Web: <http://www.jgp-perrite.co.uk/>

Distributor

Please contact the supplier to find a distributor for Vitamide® AR38



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– Kevin Chase, Owner & President, Chase Plastics



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