

Product Description

Staramide AS3 is 15 % Glass Bead Reinforced Polyamide 66 Injection Molding Resin
General

- Material Status
 - Commercial: Active
- Availability
 - Europe
- Filler / Reinforcement
 - Glass Bead, 15% Filler by Weight
- RoHS Compliance
 -
- Processing Method
 - Injection Molding

Physical	Nominal Value	Unit	Test Method
Density		g/cm ³	ISO 1183
Molding Shrinkage - Flow ²		%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus		psi	ISO 527-2/1
Tensile Stress			ISO 527-2/5
Yield		psi	
Break		psi	
Tensile Strain (Break)		%	ISO 527-2/5
Flexural Modulus ³		psi	ISO 178
Flexural Strength ^{3,4}		psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength ⁵ (73°F)		ft·lb/in ²	ISO 179/1eA
Charpy Unnotched Impact Strength ⁵ (73°F)		ft·lb/in ²	ISO 179/1eU
Notched Izod Impact Strength ⁶ (73°F)		ft·lb/in ²	ISO 180/1A
Unnotched Izod Impact Strength ⁶ (73°F)		ft·lb/in ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ⁷ 66 psi, Unannealed, 3.94 in Span		°F	ISO 75-2/Be
264 psi, Unannealed, 3.94 in Span		°F	ISO 75-2/Ae
Vicat Softening Temperature		°F	ISO 306/B120
CLTE			ISO 11359-2
Flow: 73 to 140°F		in/in/°F	
Transverse: 73 to 140°F		in/in/°F	
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index		V	IEC 60112
Flammability	Nominal Value	Unit	Test Method