

CLARIANT CORP

ALBION INDUSTRIAL PARK, 926 ELLIOT DR, ALBION MI 49224

66G33

Polyamide 6/6 (PA6/6), furnished as pellets

| Color | Min Thk (mm) | Flame Class | HWI | HAI | RTI | | RTI Str |
|-------|-----------------|----------------|-----|-----|------|-----|------------|
| | | | | | Elec | Imp | |
| NC | 1.5 | HB | 3 | 0 | 105 | 65 | 105 |
| | 3.0 | HB | 3 | 0 | 110 | 65 | 110 |
| | 6.0 | HB | 2 | 0 | 110 | 65 | 110 |

Comparative Tracking Index (CTI): 0

Inclined Plane Tracking (IPT): -

Dielectric Strength (kV/mm): 28

Volume Resistivity (10^x ohm-cm) : 13

High-Voltage Arc Tracking Rate (HV/TR): 1

High Volt, Low Current Arc Resis (D495): 5

Dimensional Stability (%): 0

ANSI/UL 94 small-scale test data does not pertain to building materials, furnishings and related contents. ANSI/UL 94 small-scale test data is intended solely for determining the flammability of plastic materials used in the components and parts of end-product devices and appliances, where the acceptability of the combination is determined by UL.

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Last Revised: 2010-09-29

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IEC and ISO Test Methods

| Test Name | Test Method | Units | Thickness | |
|--------------------------------|-----------------|-------------------|-------------|-----------|
| | | | Tested (mm) | Value |
| Flammability | IEC 60695-11-10 | Class (color) | 1.5 | HB75 (NC) |
| | | | 3.0 | HB40 (NC) |
| | | | 6.0 | HB40 (NC) |
| Glow-Wire Flammability (GWFI) | IEC 60695-2-12 | C | - | - |
| Glow-Wire Ignition (GWIT) | IEC 60695-2-13 | C | - | - |
| IEC Comparative Tracking Index | IEC 60112 | Volts (Max) | - | - |
| IEC Ball Pressure | IEC 60695-10-2 | C | - | - |
| ISO Heat Deflection (1.80 MPa) | ISO 75-2 | C | - | - |
| ISO Tensile Strength | ISO 527-2 | MPa | - | - |
| ISO Flexural Strength | ISO 178 | MPa | - | - |
| ISO Tensile Impact | ISO 8256 | kJ/m ² | - | - |
| ISO Izod Impact | ISO 180 | kJ/m ² | - | - |
| ISO Charpy Impact | ISO 179-2 | kJ/m ² | - | - |

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