

Component - Plastics

E245249

LANXESS AG

GEBAUDE R33, RHEINUFER STR 7-9, KREFELD 47829 DE

DP BKV60H+EF

Polyamide 6 (PA6), "DURETHAN", furnished as pellets

| Color | Min Thk (mm) | Flame Class | HWI | HAI | RTI Elec | RTI Imp | RTI Str |
|-------|--------------|-------------|-----|-----|----------|---------|---------|
| BK | 0.75 | HB | - | - | 65 | 65 | 65 |

Comparative Tracking Index (CTI): -

Dimensional Stability (%): -

High-Voltage Arc Tracking Rate (HVTR): -

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

Dielectric Strength (kV/mm): -

Volume Resistivity (10xohm-cm): -

+ - Material designations may be followed by suffix numbers and/or letter(s) denoting color.

UL94 small-scale test data does not pertain to building materials, furnishings and related contents. UL94 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 ULI.

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IEC and ISO Test Methods

| Test Name | Test Method | Units | Thickness Tested (mm) | Value |
|--------------------------------|-----------------|---------------|-----------------------|-----------|
| IEC Flammability | IEC 60695-11-10 | Class (color) | 0.75 | HB75 (BK) |
| Glow-Wire Flammability (GWI) | 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/m2 | - | - |
| ISO Izod Impact | ISO 180 | kJ/m2 | - | - |
| ISO Charpy Impact | ISO 179-2 | kJ/m2 | - | - |

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