

EOS GmbH Electro Optical Systems

Robert-Stirling-Ring 1, Munich 82152 DE

PA 2210 FR

Polyamide 12 (PA12), furnished as powder

<u>Color</u>	<u>Min. Thk (mm)</u>	<u>Flame Class</u>	<u>HWI</u>	<u>HAI</u>	<u>GWIT</u>	<u>GWFI</u>	<u>RTI Elec</u>	<u>RTI Imp</u>	<u>RTI Str</u>
WT	0.75	HB	0	0	-	-	65	65	65
	3.0	V-0	0	0	-	-	65	65	65

- | | |
|---|--|
| Comparative Tracking Index (CTI): 1 | Inclined Plane Tracking (IPT) kV: - |
| Dielectric Strength (kV/mm): - | Volume Resistivity (10 ^x ohm-cm): - |
| High-Voltage Arc Tracking Rate (HVTR): - | High Volt, Low Current Arc Resis (D495): - |
| IEC Comparative Tracking Index (Volts Max): - | ISO Charpy Impact (kJ/m ²): - |
| IEC Ball Pressure (°C): - | ISO Heat Deflection @1.80 MPa (°C): - |
| ISO Tensile Strength (MPa): - | ISO Flexural Strength (MPa): - |
| ISO Tensile Impact (kJ/m ²): - | ISO Izod Impact (kJ/m ²): - |

Process Category: Powder Bed Fusion

Printing Process Designation Number:

- | | |
|---|------------------------|
| Build Plane: Horizontal & Vertical | Laser Power (Watts): - |
| Layer Thickness (µm): 150 | Scan Speed (m/s): - |
| Hatch Spacing (mm): - | Scan Strategy: - |
| Post Processing Method: Glass media blaster with a bead size of 70 to 110 µm, shot blasting pressure 4 bar. | |
| For use with printer: EOS P 396 | |
| Printer Preset: Default PA2210FR_150_010 | |

Limited properties and ratings assigned to samples produced by the Additive Manufacturing technique representing a specific set of printing parameters and build strategy. Other print parameters and build strategies may result in significantly different results.

IEC/ISO small-scale test data does not pertain to building materials, furnishings and related contents. IEC/ISO 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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