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<th>Loxim Grade Name</th>
<th>Product Family</th>
<th>F / UF</th>
<th>Flame Retardant</th>
<th>Special Characteristics</th>
<th>Features</th>
<th>Typical Applications</th>
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<td>PA6</td>
<td>×</td>
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<tr>
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<td>×</td>
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<td>Automotive – Engine Cover, Exterior Door Handles, Housings Frames, Pressure Regulator Housings</td>
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<td>15% MR + 15% GF</td>
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<td>Automotive – Fuel System Components, Cooling Fans and Shrouds, Automotive Air Inlet Manifolds</td>
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# LOXIAMID PA66 • PA66 ALLOYS

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<tr>
<th>Loxim Grade Name</th>
<th>Product Family</th>
<th>F / UF</th>
<th>Flame Retardant (FR)</th>
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<th>Surface Finish / Appearance</th>
<th>Dimensional Stability</th>
<th>Low Warpage</th>
<th>Melt/Flow Characteristics</th>
<th>Mold Release</th>
<th>Stiffness and Rigidity</th>
<th>Low Temperature Ductility</th>
<th>Heat Resistance</th>
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<td>↔</td>
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<td>↔</td>
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<td>↔</td>
<td>↔</td>
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<td>↔</td>
<td>↔</td>
<td>Automotive – Water Containers for Cooling Systems, Radiator Top Covers, Insulating Profiles for Aluminium Window Frames</td>
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<td>Flame Retardant (y/n)</td>
<td>Physical Characteristics</td>
<td>Processing Characteristics</td>
<td>Mechanicals Characteristics</td>
<td>Resistivity</td>
<td>Typical Applications</td>
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<td>↑</td>
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</table>
### Surface Finish / Appearance
- Low Warpage

### Dimensional Stability
- Melt/Flow Characteristics
- Mold Release

### Mechanicals
- Stiffness and Rigidity
- Low Temperature Ductility
- Impact Strength
- Heat Resistance
- Chemical Resistance
- Abrasion Resistance

### Physical Processing
- Processing

### Resistivity
- Electrical Resistivity

<table>
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<tr>
<th>Loxim Grade Name</th>
<th>Product Family</th>
<th>F / UF</th>
<th>Flame Retardant</th>
<th>Special Characteristics</th>
<th>Features</th>
<th>Typical Applications</th>
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<td>↑ ↑ ↔ ↔ ↔ ↑ ↑ ↑ ↑</td>
<td>Automotive – Radiator Components, Air Intake Manifolds, Cooling Fans and Shrouds</td>
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<td>Mineral Reinforced 40%</td>
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<td>Automotive – Side Door Mirror Housing, Fins Extrusion Profiles for Windows, Highly Rigid Industrial Articles</td>
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<td>Automotive – Side Door Mirror Housing, Highly Rigid Industrial Articles, Power Tool Housings</td>
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<td>Loxim Grade Name</td>
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<td>Features</td>
<td>Special Characteristics</td>
<td>Typical Applications</td>
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