

LATISHIELD 36/SP-05A

ABS-MEF(x)

LATI Industria Termoplastici S.p.A.

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------|------|-----------------|
| ISO Data | | | |
| Molding shrinkage, parallel | 0.8 | % | ISO 294-4, 2577 |
| Molding shrinkage, normal | 0.8 | % | ISO 294-4, 2577 |

| Mechanical properties | Value | Unit | Test Standard |
|---------------------------------------|-------|-------------------|---------------|
| ISO Data | | | |
| Tensile Modulus | 2400 | MPa | ISO 527 |
| Yield strain | 2 | % | ISO 527 |
| Stress at break | 35 | MPa | ISO 527 |
| Strain at break | 3.5 | % | ISO 527 |
| Charpy impact strength, +23°C | 15 | kJ/m ² | ISO 179/1eU |
| Charpy notched impact strength, +23°C | 4 | kJ/m ² | ISO 179/1eA |

| Thermal properties | Value | Unit | Test Standard |
|--|-------|------|---------------|
| ISO Data | | | |
| Temp. of deflection under load, 1.80 MPa | 80 | °C | ISO 75-1/-2 |
| Temp. of deflection under load, 0.45 MPa | 85 | °C | ISO 75-1/-2 |
| Vicat softening temperature, B | 85 | °C | ISO 306 |

| Electrical properties | Value | Unit | Test Standard |
|-----------------------|-------|------|---------------|
| ASTM Data | | | |
| Surface Resistivity | 100 | Ohm | ASTM D 257 |

| Other properties | Value | Unit | Test Standard |
|------------------|-------|-------------------|---------------|
| Density | 1120 | kg/m ³ | ISO 1183 |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|---|-----------|------|---------------|
| Pre-drying - Temperature | 70 - 80 | °C | - |
| Pre-drying - Time | 3 - 5 | h | - |
| Melt temperature | 210 - 250 | °C | - |
| Mold temperature | 40 - 60 | °C | - |

Characteristics**Processing**

Injection Molding

Regional Availability

Europe

Features

EMI Attenuation/Shielding, Copolymer