

Arnitel® VT7812

TPC-ET

Film Extrusion, Highly Breathable, Drying of Material Required

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| Properties | Typical Data | Unit | Test Method |
|--------------------------------|--------------|------------------------|----------------|
| Rheological properties | | | |
| | Value | | |
| Melt volume-flow rate | 9 | cm ³ /10min | ISO 1133 |
| Temperature | 230 | °C | ISO 1133 |
| Load | 10 | kg | ISO 1133 |
| Mechanical properties | | | |
| | Value | | |
| Shore D Hardness (3s) | 50 | - | ISO 868 |
| Tensile modulus | 320 | MPa | ISO 527-1/-2 |
| Stress at break | 21 | MPa | ISO 527-1/-2 |
| Nominal strain at break | 200 | % | ISO 527-1/-2 |
| Stress at 5% strain | 10.7 | MPa | ISO 527-1/-2 |
| Stress at 10% strain | 14 | MPa | ISO 527-1/-2 |
| Stress at 50% strain | 15 | MPa | ISO 527-1/-2 |
| Stress at 100% strain | 16 | MPa | ISO 527-1/-2 |
| Thermal properties | | | |
| | Value | | |
| Melting temperature (10°C/min) | 207 | °C | ISO 11357-1/-3 |
| Other properties | | | |
| | Value | | |
| Density | 1220 | kg/m ³ | ISO 1183 |
| Water absorption | 130 | % | Sim. to ISO 62 |

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