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LIST OF ABBREVIATIONS

| | |
|-------------------------|---------------------------------|
| μm | micrometer |
| at% | atomic percentage |
| cm | centimeter |
| ρ | density |
| GPa | giga Pascal |
| hr | hour |
| kV | kilovolt |
| mg/cm^2 | milligram per centimeter square |
| min | minutes |
| mm | millimeter |
| kgf | kilogram force |
| N | Newton |
| nm | nanometer |
| $^{\circ}\text{C}$ | degree Celsius |
| ppm | part per million |