

ประมวลศัพท์และคำย่อ

Al	=	Aluminum
AF	=	Aramid Fiber
Al ₂ O ₃	=	Aluminum Oxide
CNT	=	Carbon Nanotube
cm ² /g	=	Square Centimetre per Gram
CaO	=	Calcium Oxide
CMC	=	Ceramic Matrix Composite
CNF	=	Carbon nanofiber
CF	=	Carbon Fiber
g/cm ³	=	Gram per Cubic centimeter
GF	=	Grass Fiber
h-BN	=	Hexagonal Boron Nitride
J/mK	=	Joule per Metre Kelvin
mm ³ /Nm	=	Cubic Millimeter per Newton Metre
mm ³ /m	=	Cubic Millimetre per Metre
MgO	=	Magnesium Oxide
MMC	=	Metal Matrix Composite
MoS ₂	=	Molybdenum Disulfide
nm	=	Nanometer
N	=	Newton
OM	=	Optical Microscope
PMC	=	Polymer Matrix Composite
Pa	=	Pascal
P ₂ O ₃	=	Phosphorus Oxide
PTFE	=	Polytetrafluoroethylene
PEEK	=	Polyetheretherketone
PE	=	Polyethylene
PS	=	Polystyrene
SiO ₂	=	Silicon Dioxide
Si ₃ N ₄	=	Silicon Nitride

SiC	=	Silicon Carbide
SEM	=	Scanning Electron Microscope
T _g	=	Glass Transition Temperature
TiO ₂	=	Titanium Dioxide
TS	=	Thermoset
TP	=	Thermoplastic
UTS	=	Ultimate Tensile Strength
UHV	=	Ultra High Vacuum
UHMWPE	=	Ultra High Molecular Weight Polyethylene
wt%	=	Percent By Weight
ZnO	=	Zinc Oxide
ZrO ₂	=	Zirconium Dioxide
μm	=	Micrometer
°C	=	Degree of Celsius