

List of Abbreviations

Abbreviation *Full form*

MW	Microwave
EM	Electromagnetic
GHz	Giga Hertz
RCS	Radar Cross Section
MAMs	Microwave Absorbing Materials
FSS	Frequency Selective Screens
XRD	X-ray Diffraction
TEM	Transmission Electron Microscopy
FTIR	Fourier Transform Infra-Red
FMR	Ferromagnetic Resonance
PEC	Perfect Electrical Conducting
dB	Decibel
RL	Reflection Loss
ACAC	Acetyl Acetone
CNT	Carbon Nanotubes
SHS	Self-Propagation High Temperature Synthesis
HARP	Halpern Anti Radar Paints
CA-RAM	Circuit Analog Radar Absorbing Materials
MLC	Multi-Layer Capacitors
FET	Field Effect Transistor
MEMS	Micro-Electro-Mechanical System
TRMM	Two Roll Mixing Mill
HTCMP	High Temperature Compression and Moulding Press
Wt%	Weight Percentage
VNA	Vector Network Analyzer
RPM	Rotation Per Minutes
NBR	Acrylo-Nitrile Butadiene Rubber
PHR	Parts Per Hundred
MBTS	Mercapto-Benzo-Thiazol-Di-sulphite
TDQ	Tri-methyl-Di-Qunoline
VSM	Vibrating Sample Magnetometer
EDX	Energy Dispersive X-ray
SQUID	Superconducting Quantum Interference Device
ICDD	International Centre for Diffraction Data
FWHM	Full Width at Half Maxima
CCD	Charged Coupled Device
CRT	Cathode Ray Tube
SAED	Selected Area Electron Diffraction
FC	Field Cooled
ZFC	Zero Field Cooled
NRW	Nicolson-Ross-Weir
DUT	Device Under Test
RF	Radio Frequency
DC	Direct Current
FRAM	Ferroelectric Random Access Memory
MAHS	Microwave Assisted Hydrothermal Synthesis
LTAS	Low Temperature Aqueous Synthesis
PVA	Poly Vinyl Alcohol

