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ABBREVIATIONS AND SYMBOLS

ASTM	A standard test method for index of aggregate particle shape and texture
BT	Barium titanate
c/a	tetragonality factor
DTA	differential thermal analysis
ICDD	International center for diffraction data
JCPDS	Joint committee for powder diffraction standards
k_t	coupling factor of thickness
k_p	coupling factor of planar
MCP	mixing and calcination processes
MLC	multilayer capacitor
MPB	Morphotropic phase boundary
PT	Lead titanate
PMN	Lead magnesium niobate
PZT	Lead zirconate titanate
SEM	scanning electron microscopy
TEM	transmission electron microscopy
T_c	Curie temperature
$\tan \delta$	dielectric loss
TG	thermal gravimetric
XRD	X-ray diffraction
ϵ_r	dielectric constant