

Grouping of Manufacturers by Material

Material	Manufacturer
Al ₂ O ₃	Taimei Kagaku, Sumitomo Aluminum Seiren Nikkei Kako
SiC	Pacific Metals, Denki Kagaku Kogyo, Showa Denko
BaTiO ₃	Murata Mfg., TDK Electronics
ZrO	Toyo Soda Mfg., Daiichi Kigensho Kagaku Kogyo Hokko Chemical Industry, Shin Nihon Kinzoku Kagaku Toray, Dowa Chemical
ZnO ₂	Sakai Chemical Industry, Hokusui Kagaku, Honjo Chemical Toho Zinc, Nippon Chemical Industrial, Mitsui Mining & Smelting, Shodo Kagaku, Tokyo Kasei
MgO ₂	Tateho Kagaku (90%) Tomita Seiyaku, Akoh Kasei
TiO ₂	Ishihara Sangyo Kaisha, Fuji Titanium Industry Teikoku Kako, Sakai Chemical Industry
Fe ₂ O ₃	Toda Kogyo, Morishita Bengara, Tetugen, Ishihara Sangyo, Titan Kogyo, Nihon Bengara, Chemilite Kogyo, Sakai Chemical Industry, Tone Sangyo, Saikai Kogyo, Dowa Mining
h-BN	Denki Kagaku Kogyo, Showa Denko, Toshiba Ceramics (Import)
c-BN (Carat)	No electrical ceramics material
(Synthetic Diamond)C (Carat)	Sumitomo Electric Industries, Tomei Diamond Kogyo