



## Low-Temperature Thermal Ceramic Powder

Low-Temperature Thermal Ceramic Powder has good performance in strength, toughness, conductivity and thermal shock resistance. It is one of the important selection directions of materials applied in thermal environment. Nextgen Advanced Materials provides Low-temperature Thermal Ceramic Powder with high quality and fast delivery, and customized products are also available.

### Product Description

Nextgen Advanced Materials provides Low-temperature Thermal Ceramic Powder with high quality and fast delivery, and customized products are also available.

Low-Temperature Thermal Ceramic Powder is a product developed by Nextgen Advanced Materials. It has excellent performance in strength, toughness, conductivity and thermal shock resistance and is one of the important selection directions of materials applied in thermal environment.



### Low-Temperature Thermal Ceramic Powder Specifications

Type	Chemical Composition (wt%)						Density (g/cm <sup>3</sup> )	Heat-shock Resistant Temperature (°C)	Note
	ZrO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	MgO	Others			
TCP30A	>30	<60	<3	0.08	0.10	<6	>3.60	500	Granular Powder
TCP30B	>30	<60	<3	0.08	0.10	<6	>3.55	500	Hot-Die Casting Use Only
TCP50A	>50	<40	<3	0.08	0.10	<6	>4.00	500	Granular Powder



Nextgen Advanced Materials INC

[www.nexgmaterials.com](http://www.nexgmaterials.com)

TCP50B	>50	<40	<3	0.08	0.10	<6	>3.95	500	Hot-Die Casting Use Only
--------	-----	-----	----	------	------	----	-------	-----	--------------------------------