

# Dielectric powder for Dry Process

## 乾式加壓成型用

### Class I - Temperature Compensation Type

Designation	Electric Properties			Reference Code		Reference Firing Temperature, °C	Addition of Low Melt Additive
	K-value at 1MHz	Q Factor Min.	I.R. Min. $\Omega$	JIS	EIA		
NPO-20B	23±1	3000	10 <sup>5</sup>	CG	COG	1330±10	-
NPO-40B	48.0±1.5	3000	10 <sup>5</sup>	CG	COG	1210±10	-
NPO-110B	100±10	3000	10 <sup>5</sup>	CG	COG	1270±10	O
SL-330B	325±25	2000	10 <sup>5</sup>	SL	-	1360±10	O
SL-290B	285±25	3000	10 <sup>5</sup>	SL	-	1360±20	O

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### Class II - High-K Type

Designation	Electric Properties			Reference Code		Reference Firing Temperature, °C	Addition of Low Melt Additive
	K-value at 25°C	D.F. Max. %	I.R. Min. Ω	JIS	EIA		
Z5U103B	10000±1000	0.6	10 <sup>4</sup>	ZE	Z5U	1360±10	-
Z5V213B	20000±3000	0.7	10 <sup>4</sup>	ZF	Z5V	1380±10	-
Y5U852B	11000±1000	0.7	10 <sup>4</sup>	YE	Y5U	1390±20	-
Y5V163B	17000±1000	0.6	10 <sup>4</sup>	YF	Y5V	1360±20	-
Y5E162B	1675±125	0.65	10 <sup>4</sup>	YA	Y5E	1255±10	O
Y5P302B	3000±300	1.0	10 <sup>4</sup>	YB	Y5P	1375±10	O
Y5P412B	4000±500	1.5	10 <sup>4</sup>	YB	Y5P	1390±10	O
X7R342B	3600±300	1.5	10 <sup>4</sup>	-	X7R	1360±10	O