

■ **Glass Binder for Vitrified Grinding Wheels**

Frit No.	Composition	Coefficient of Thermal Expansion ($\times 10^{-6}$)	Dilatometric Softening Point (°C)	Specific gravity	Application
649	SiO ₂ -Al ₂ O ₃ -B ₂ O ₃ -MgO	4.5	700	2.3	Al ₂ O ₃ (A,WA.etc) c-BN
651	SiO ₂ -Al ₂ O ₃ -B ₂ O ₃ -Na ₂ O	4.7	640	2.3	Al ₂ O ₃ (A,WA.etc)
657	SiO ₂ -K ₂ O-CaO	8.4	720	2.5	Al ₂ O ₃ (A,WA.etc)
960	SiO ₂ -B ₂ O ₃ -Na ₂ O-CaO-ZnO	5.8	620	2.6	c-BN, DIA
726	SiO ₂ -B ₂ O ₃ -Na ₂ O-K ₂ O	4.5	580	2.2	DIA

■ **Particle Size**

Type	Mean size (D50)
M	20-40μm
P	10μm