

Grade	Description	SiO ₂	ZrO ₂	Application
Zircosil Five	Finely ground zirconium silicate flour, d ₅₀ = 1,4 - 1,6 µm	33 % - 36 %	61 % - 65 %	Technical glass, ceramics, opacifiers in ceramic glazes (crookery, tiles and sanitary ceramics), softeners for ceramics
Zircosil One	Fine particle size distribution, d ₅₀ = 1,1 - 1,3 µm	33 % - 36,5 %	60 % - 64 %	Ceramics, friction industry (e. g. brake pads)
Zircosil D (Zircon flour)	Zirconium silicate flour from highgrade zirconium silicate sand, d ₅₀ = 12 - 16 µm	32 % - 34,5 %	63 % - 66 %	Cast metal, investment casting, foundry and heat-resistant materials, good heat resistance and opacity in applications such as glass, ceramics, heat-resistant materials and plastics, improves mechanical strength of glass, improves alkali resistance of glass fibres in reinforced concrete
Zircosil 200	Non-calcined, optimised gas removal, d ₅₀ = 16 - 24 µm	32 % - 33,5 %	64,5 % - 66 %	Investment casting, lost-wax casting process, enables very smooth surface finishes in the final product
Zircosil 200M	Calcined, optimized venting, no contraction during the casting process, minimal loss on ignition, d ₅₀ = 16 - 24 µm	32 % - 33,5 %	64,5 % - 66 %	Investment casting, lost-wax casting process, enables very smooth surface finishes in the final product
Zircosil 300M	Calcined, minimal loss on ignition, d ₅₀ = 9,0 - 16 µm	32 % - 33,5 %	64,5 % - 66 %	Investment casting (dimensional stability), lost-wax casting process