

Ceramic

Ceramic seal faces have the property of the resistant–high–temperature, resistant–corrosion, resistant–wearing and good sealing and are widely used in spacecraft, machinery, metallurgy, printing and dyeing, foodstuff, pharmaceutical, auto industry and so on.



■ HengMi Model Components Series

A1203 Ceramic physical property				
Technical Parameter	Unit	95%	99%	99.50%
Content of A1203	%	≥95	≥99	≥99.5
Density	g/cm ³	3.7	3.88	3.9
Hardness	HRA	85	88	90
Porosity Rate	%	<0.4	<0.2	<0.15
Fractural Strength	Mpa	250	310	350
Coefficient of Heat Expansion	10 ⁻⁶ /k	5.5	5.3	5.2
Thermal Conductivity	W/M.K	27.8	26.7	26