Moravské keramické závody akciová společnost Rájec-Jestřebí	**FLOATS** **FOR ALUMINIUM AND ALUMINIUM ALLOY CASTING**	Product sheet MKZ 23/Z 02/2001

Description : Floats for casting aluminium and its alloys are refractory shaped products made from a mixture of calcium-silicate opening materials and expanders, held together by a hydraulic bond.

Use : The floats are designed for semi-continuous casting of pins from aluminium and its alloys, being resistant to wetting by aluminium. They resist temperature changes within the 0-800°C range. The floats are intended for service temperatures of up to 1000°C.

Specifications :

Property	Normal value	Testing procedure
SiO_2 content (%)	40	ČSN EN 955-2
Al_2O_3 content (%)	30	ČSN EN 955-2
Fe_2O_3 content (%)	0,6	ČSN EN 955-2
Refractoriness (°C)	1120	ČSN EN 993-12
Bulk density after firing at 600°C (kg/m^3)	1000	ČSN EN 993-1

Size and shapes : Floats are manufactured in four sizes ∅80, ∅110, ∅130 and ∅150mm, or as required by the customer.

Permitted quality variations :

Dimension tolerances :	outside diameter and height	=	± 2 mm
	inside diameter	=	± 1 mm

Quality variations are checked using a single acceptance sampling plan (AQL=6.5), in accordance with ČSN ISO 5022.

Packaging : Floats are shipped in polystyrene moulds stacked on a pallet, or as required by the customer.

Storing : Floats are stored in dry and enclosed warehouses.
The storage period is max. 12 months from the date of production.

Ing. Milan Čvanda
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