



JIZERSKÁ PORCELÁNKA, s.r.o.

Producer of laboratory and technical porcelains since 1947



PRODUCT SPECIFICATIONS SHEET

Filter crucibles

Jizerská porcelánka s.r.o. certifies that the specified products meet all specifications and quality criteria for release. The products comply in every respect with the relevant particular specifications, drawings, relevant standards and regulations in force.

JIPO Code	DIN	Capacity(ml)	Porosity(μ)	Diameter(mm)	Height(mm)
641321400256	DIN 12 909	8	6 μ	25	28
641321400257	DIN 12 909	8	7 μ	25	28
641321400258	DIN 12 909	8	8 μ	25	28
641321400306	DIN 12 909	15	6 μ	30	35
641321400307	DIN 12 909	15	7 μ	30	35
641321400308	DIN 12 909	15	8 μ	30	35
641321400356	DIN 12 909	25	6 μ	35	40
641321400357	DIN 12 909	25	7 μ	35	40
641321400358	DIN 12 909	25	8 μ	35	40
641321400406	DIN 12 909	35	6 μ	40	43
641321400407	DIN 12 909	35	7 μ	40	43
641321400408	DIN 12 909	35	8 μ	40	43
641321400456	DIN 12 909	50	6 μ	45	50
641321400457	DIN 12 909	50	7 μ	45	50
641321400458	DIN 12 909	50	8 μ	45	50

Intended uses: Laboratory applications Porcelain C110, ceramic filter frit Porcelain crucible with ceramic

Material: bottom without spout and graduation

Shape: ISO material for the manufacture lies within the group C110 according to ČSN EN 60672 –3

Compliant to: Product dimension tolerances are controlled by DIN 40680



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Porcelain properties: Unglazed products can be used at temperatures of up to 1350°C / 2462°F and glazed ones at temperatures of up to 1000°C / 1,832°F (Δt 230°C)
Products have high resistance to acids and bases Density 2.4g/cm³
Bending strength of unglazed products (70MPa) Thermal conductivity (W.m-1.K-1) = 1.3

Ceramic properties: Frit has the largest representation with pore radius 5.5 - 6µm, 6,5 – 7µm and 7,5 - 8µm
Frit have low resistance to acids and bases
Frit is suitable for filtration of hot aqueous solutions

The compliance of demands is proved by regular tests and followed noticed tests from an independent

laboratory: Test according ČSN EN 60672- 2

Textural analysis of ceramic materials by high – pressure mercury porosimetry

Disclaimer: Jizerská porcelánka s.r.o. wants to state that these specifications can only be regarded as general information and will not discharge the user from his obligation to ensure the product is suitable for the intended use.