

PURE CORUNDUM

DESCRIPTION AND USE

Corundum Isoplam® is a grit considered among the hardest known materials (classified at grade 9 on the Mohs hardness scale) consisting mostly of crystalline aluminum oxide. It is used as an additive in Pavilux Corundum D9 or Pavilux Basaltum D9 Isoplam dusts, to increase the wear resistance and durability of industrial concrete floors. It can also be used as an abrasive or as a blasting agent with recycling.

TECHNICAL DATA

Corundum Isoplam® is regulated by ISO 11124, ISO 11126-7, FEPA.

Appearance	Red-brown granules
Size	1.4÷1.7 mm
Form	Sharp-edged
Hardness	9 Mohs (Mohs scale) 2400-2500 Kg/mm ² (Knopp scale)
Absolute specific gravity	≈3.94 g/cm ³
Conductivity	2÷6x10 ⁻¹² ohm/cm
Melting Point	1950°C
Chemical analysis	SiO ₂ ≈0.7% Fe ₂ O ₃ 0.3÷0.6% Al ₂ O ₃ ≥93% CaO ≈0.5% TiO ₂ ≈3.0% Na ₂ O + K ₂ O tracks Free silica absent

PACKAGING AND SAFETY

Corundum Isoplam® is available in 25 kg bags.
Consult the safety data sheet before use.
Corundum Isoplam® is intended for professional use only.

IMPORTANT

All information contained in this sheet is based on the best practical and laboratory experiences. It is the customer's responsibility to verify that the product is suitable for the intended use. The manufacturer accepts no liability for the results of incorrect applications. It is advisable to always carry out tests on small surfaces before use. The data can be changed at any time. This sheet replaces and cancels the previous ones. The Corundum product is intended for professional use only. Anyone who uses this product without being authorized to do so does so at their own risk. Isoplam Srl periodically organizes courses for its customers who request them.