

PURE STEEL

DESCRIPTION AND USE

Isoplam® Pure Steel is a broken shot of molten steel resulting from the melting of selected scrap. It is used as an additive in the Pavilux Acciaio Isoplam dusting, to increase the wear resistance and durability of industrial concrete floors. It can also be used with turbine systems, with free-jet sandblasting machines and with cabins for pressure compressed air sandblasting and in shot peening operations.

TECHNICAL DATA

Appearance	Grey grit
Size	1.0-1.7 mm
Form	Angular with sharp edges
Hardness	450÷535 HV Vickers scale 45÷52 HRC Rockwell scale
Bulk density	4.3 Kg/dm ³
Absolute specific gravity	>7.4 Kg/dm ³
Microstructure	Fine and homogeneous hardened martensite
Chemical analysis	C 0.80÷1.2 Mn 0.35÷1.2% Yes ≥0.40% S ≤0.05% P ≤0.05%

PACKAGING AND SAFETY

Isoplam® Pure Steel is available in 25 kg bags.
Consult the safety data sheet before use.
Isoplam® Steel 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.