

(2) sand, at mine

Reference function	information
Name	sand, at mine
Unit	kg
Category	construction materials
Subcategory	additives
Amount	1
Included processes	Includes the whole manufacturing process for digging of gravel round and sand (no crushed gravel), internal processes (transport, etc.), and infrastructure for the operation (machinery). The land-use of the mine (incl. unpaved roads) is included directly, while the land-use of the paved roads and buildings are included in the module "mine, gravel/sand". Recultivation of closed mines is taken into account. No environmental burdens from administration are included. No dust included because it is mostly a "wet" process and no wastewater included because process water is not polluted (only sand and gravel) and therefore directly seeped.
General comment	The multioutput-process 'mining, gravel / sand' delivers the co-products 'sand, at mine' and 'gravel, round, at mine'. The typical production mix in Switzerland is: sand 35% and round gravel 65%. From the total sectoral production volume (100%) of mined gravel round, crushed and sand, about 85% is gravel round and sand.
Infrastructure included	Yes
Dataset relates to product	Yes
Geography	For some exchanges RER-modules have been used as proxy
Technology	typical technology for Swiss production
Start year	1997
End year	2001