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MAGFLUX

TRADE NAME

MAGFLUX®

DESCRIPTION

Magflux® is a blended, refined form of blast furnace slag. Its mineral composition is a mixture of Akermanite, Gehlenite and small amounts of Anorthite.

FUNCTION

Magflux® is added to a glass batch as a fining agent and its reducing action helps liberate retained gases from the glass batch which may cause defects such as seeds and blisters. Also, the addition of Magflux® forms a lower eutectic with silica resulting in a lower melting temperature and lower energy costs. Furthermore, a more active melt is produced thus improving homogeneity in the batch temperature and composition.

CHEMICAL ANALYSIS

SiO ₂	38.00 %
CaO	33.00 %
Al ₂ O ₃	14.10 %
MgO	10.10 %
MnO	1.30 %
TiO ₂	1.00 %
FeO	0.40 %
S	0.10 %

TECHNICAL DATA

Specific weight	2.78 g/cm ³
Bulk weight	1.4 Kg/L
Storage	Dry, sheltered conditions
Packaging	1.50 Ton Bulk bags

SIEVING RANGE

CODE	SIZE RANGE (micron)	PROFILE RANGE (micron)
MFLX	150 - 1000	N.A