

Product technical illustration 产品技术说明

Oxide Removal Flux 铝合金专用清炉剂

STOVE 360

Application(产品应用):

It is used for deslagging in furnace wall and furnace bottom after aluminum or aluminum alloy melting(适用于熔炼炉中铝及铝合金熔炼完毕后，清理炉膛、炉壁、炉底硬质结渣).

Advantages(优越性能):

It Makes aluminum alloy casting continuous , improves the quality and output , lengthens the furnace service life , reduces manual labor(实现了铝合金熔铸连续生产，提高了铝合金质量及产量，同时延长了炉体的使用寿命，降低了人工清炉的劳动强度).



Experimental data(实验数据):

STOVE 360

Technical parameters (技术参数):

Chemical composition 化学成份	F	Cl	Ca	Na	Si	P
Model parameter 典型值 (%)	13.5	12.5	15	36	6.8	16

Usage(使用方法):

1>Dosage: 2.5kg-3kg/1 metric ton molten aluminum (产品用量：为熔铝炉每吨铝液加入2.5-3kg清炉剂)。

2>After of aluminum alloy melting, heating-up the furnace temperature to 850°C--950°C, spray Oxide Removal Flux to furnace wall and furnace bottom, then close the furnace door for 5—10minutes. Oxide Removal Flux Changes its physical properties in high temperature and release heats, Chloride in Oxide Removal Flux melts and reacts with the slag, it downs the melting point and viscosity of slag and cleans the slag in furnace(炉内铝合金熔炼完毕后，随即将炉温升至850-950°C，将清炉剂喷撒至炉底及炉壁附渣处，关闭炉门，静置5-10分钟；清炉剂在高温过程中发生物理变化，瞬间释放大量热能，使炉内熔渣温度迅速提高，清炉剂中氯化物迅速融化并与之反应，从而降低了与此接触的熔渣的熔点及粘度，达到清炉目的。).

3>Open the furnace door(slag is incompact and separated with slag at this time) stir the mix of flux and slag about 3—5minutes, then Exclude the scum(打开炉门，因经其处理的熔渣已实现了铝与渣的分离；熔渣已变得相当松散，轻轻搅拌清炉剂及附渣的混合物约3-5分钟，排除浮渣。).

4>As slag concreting conditions in furnace are different, it is recommended to clean every shift(具体应依炉子的结渣情况和容积而定，建议每班清理一次，避免长时间不清理凝结硬渣，不易去除).

Package and conservation(包装及存放)

5KG/Bag, 40KG/Box, 1200KG/Dozen, be away from wet and keep in ventilated and dry environment. Guarantee period 12 months. Gather package and dispose, no burning in the furnace(5kg/袋，40kg/箱，1200kg/件；严防受潮，存放阴凉干燥处，保质期12个月。包装物收集处理，不得入炉焚烧).