



## THE QUALITY OF TUNDISH COATING MATERIALS

Tundish is also named steel screening tank. The purpose of its coating material is to prevent the infiltration of the slags and steel residues thus making them to be separated and eliminated easily. This Company has based on this requirement, developed the magnesia coating material to take the advantage of the thermo-resistance and corrosion-resistance of the magnesia and applying the light-weighting technique to make it to be equipped with

various characteristics for and excellent product.

Features:

1. Good Constructibility.
2. No cracking during preheating.
3. Excellent corrosion-resistance.
4. Good adiabatic effect.
5. Good removability of residual steel.

### Typical Properties

Brand		GN-TS1 (TD-12)	CAM-KL2 (TD-13)	TD-G2 (TD-14)
Properties				
Linear Change After Heating	1500°C *3hrs	<b>-3.80</b>	-3.36	-2.76
Cold Crushing Strength After heating (kgf/cm <sup>2</sup> )	1500°C *3hrs	50	120	50
Modulus of Rupture after heating (kgf/cm <sup>2</sup> )	1500°C *3hrs	32	60	20
Chemical Composition (%)	MgO	85	85	86
Quantity Required(kg/cm <sup>3</sup> )		1650	1700	1700
Water Required For Mixing (%)		20-25	20-26	25-32
Installation		Wet Gunning	Coating	Dry Gunning
Characteristics		Good Adhesion	Good Adhesion Corrosion-Resistance	Good Adhesion