

YLSCH-RBB CaO-80

CHEMICAL NAME:Calcium oxide

MOLECULAR FORMULA:CaO

MOLECULAR WEIGHT: 56.08

CAS NO.:1305-78-8

SPECIFICATIONS:

Active Content(%)	80	Melting Point	2570°C
Appearance	Grey-white Granules	Boiling point	2850°C
Carrier	SBR	Purity	98%min
Filtration (microns)	200	Loss on ignition (950°C, 2h)	3.0% max
Density(g/Cm ³)	2.10	Mean grain size	12µm max
Ash Content(%)	81.0	38µm sieve residue	0.1% max
Composition	Mixture of 80% Calcium oxide and 20% polymer and dispersing agent		

※Binder type can be customized. Except SBR, others binders, such as EPDM,NBR also can be available for.

PROPERTIES:

CaO avoids spongy defect in the presence of vapor when rubber products are continuously extruded and vulcanized in the absence of pressure due to generation of calcium hydroxide when CaO absorbs vapor. Therefore it is particularly suitable for extruded rubber compounds, such as seals in car or building, which is vulcanized in hot air, fluidized bed, salt bath and microwave device.

CaO is also suitable for foam products, especially micro-porous spongy rubber products due to more homogeneous foam structure.

APPLICATION:

Extruded products (seals, tubes), conveyor belting, rollers, cable sheaths, rubber flooring, etc.

DOSAGE:

2-10phr, depending on dosage and types of stuffing and humidity.

PACKING & STORAGE:

Vacuum-aluminum foil bag package,1kg/bag, 25bags/carton, Net Weight 750kgs per pallet.

Shelf-life : 6 months in its original packaging

Stored in a dry and cool place.