

POTASSIUM HYDROXIDE FLAKES

French : Potasse écailles

GENERAL PROPERTIES

- * Chemical formula : KOH
- * Molecular weight : 56.11
- * Anhydrous, white solid prone to hydration and carbonation on exposure to air.
- * Material free of any animal and transgenic vegetable origin

PHYSICAL PROPERTIES

- * apparent density at 20° C : 0.9
- * Melting point temperature : 200° C
- * Boiling point, 760 mm Hg : 370° C
- * Specific heat at 25° C in Kcal/kg : 0.24
- * Specific gravity at 20° C of aqueous solutions

KOH %	KOH en g/l	Specific gravity at 20° C en g/cm ³	Viscosity in CPo
21,4	256,6	1,200	1,6
30,2	369,2	1,290	2,35
40,3	564,3	1,400	3,6
50,0	756,0	1,512	6,0

PACKING

- * 25 kg (net) bags on pallets - double thickness polyethylen (LDPE) bags packaged in one ton pallets covered with polyethylen (LDPE) stretch film.
- * Big Bag

PRECAUTIONS / TRANSPORT SECURITY

- * Refer to the security regulations file

USES

- Preparation of potassium salts : Carbonates - phosphates - nitrates - permanganate - xanthates - iodides
- Detergents : Principally industrial types
- Formulation of fertilizers in solution
- Other applications include : Insecticide/herbicide manufacture - pigment production - additives for the rubber industry - photographic industry - pharmaceutical industry - alkaline batteries - etc...