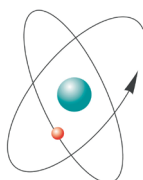


RESOURCE CHEMICAL LTD

RESOURCE HOUSE, HIGH STREET, BRACKLEY, NORTHANTS, NN13 7DS,

TEL: +44(0)1280 843800

FAX: +44(0)1280 701745

**RESOURCE**Web page: www.resourcechemical.co.ukE-mail: sales@resourcechemical.ltd.uk**MATERIAL SPECIFICATION****Product name:** Potassium Hydroxide Moulded Pieces**Product code:** 7619**General Properties**

Chemical Formula	KOH
Dimensions	Length: 38 - 40mm Width: 28mm Thickness: 15mm
Description	Anhydrous, white solid prone to hydration and carbonation on exposure to air. Material is free from any animal and transgenic vegetable origin

Physical Properties	Unit	Analysis
Apparent Density at 20° C	° C	0.9
Melting Point Temperature	° C	200
Boiling Point Temperature	° C	370
Specific Heat at 25° C	Kcal/kg	0.24
Specific Heat 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	389.2	1.290	2.35
40.3	564.3	1.400	3.6
50.0	756.0	1.512	8.0

PACKING

25 Kg net bags on pallets. Bags are woven polypropylene single layer with external polyethylene lamination (5H3 certified), bags packaged in one ton pallets covered with polyethylene (LDPE) stretch film.

USES

Preparation of Potassium salts:

Detergents

Formulation of Fertilizers in Solution:

Other applications includes:

Carbonates-Phosphates-Nitrates-Permanganate-Xanthates-Iodides

Principally Industrial Types

Insecticides/Herbicide manufacture-pigment production-additives for rubber industry-photographic industry-pharmaceutical industry-alkaline batteries-etc

The above information has been provided by the supplier and Resource Chemical Ltd accepts no responsibility for the correctness of any details.

REGISTERED OFFICE: RESOURCE HOUSE, HIGH STREET, BRACKLEY, NORTHANTS, NN13 7DS
REGISTERED IN ENGLAND NUMBER 2003690

		Quality	Method
Total content (as KOH)	%	90,00 - 100,00	titr.
Potassium carbonate (K ₂ CO ₃)	%	0,00 - 0,65	titr.
Chlorides (Cl)	mg/kg	0 - 70	nephelometr.
Sulphate (SO ₄)	mg/kg	0 - 40	nephelometr.
Sodium (Na)	%	0,00 - 0,70	AAS
Iron (Fe)	mg/kg	0,00 - 5,00	photometr.
Nickel (Ni)	mg/kg	0,00 - 15,00	AAS
Appearance		Pass	

Date: 03.08.20
Revision 2
amended: 14.12.20

The above information has been provided by the supplier and Resource Chemical Ltd accepts no responsibility for the correctness of any details.