E10A

Active Magnesium Oxide

A moderate to highly magnesium oxide for use in the manufacture of adhesives and rubber based on polychloroprene ; in the compounding of synthetic rubber as an acid acceptor in halopolymer systems.

Chemical Analysis	Specification	Typical Value
Magnesium Oxide as MgO (by difference)	97.0% min	99.2%
Calcium as CaO	2.00% max	0.10%
Heavy Metals as Pb	40 ppm max	<< 40ppm
Chloride as Cl	0.50% max	0.15%
Loss on ignition	10.0% max	7.0%
Aluminium as Al_2O_3	0.01% max	0.05%
Physical Properties	**Specification**	**Typical Value**
Surface area(BET)	100 m^2/g min	160 m^2/g
Particle size Distribution d50	3.00 mic max	2.20 mic
Particle size Distribution d99.98	28.00 mic max	8.00 mic

Appearance and description: Free flowing white powder, almost insoluble in water. Insoluble in alcohol. Dissolves in dilute mineral acids.
(Caution! Exothermic reaction!)

Packaging and storage: Net 25 kg in multiwall paper bags with separately sealed moisture proof inner polyethylene bag.
Store in original packing in a dry , ventilated space .Keep away from moisture and acids.

Shelf-life under suitable conditions: 18 months from date of manufacture.

Customer-tailored specifications and other packaging modes are available.

847-4013-01-12-2010

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