

Light MAGNESIUM OXIDE (MAGNESIA)

(Acid Excavenger in Halogenated Elastomer & Plastics)

STARMAG is Light Burned and Reactive Magnesium Oxide of High Purity, isolated from seawater with Chemical process.

STARMAG R & STARMAG 150 are High Activity, **STARMAG M** is Medium Activity, **STARMAG L** is Low Activity grade.

Each grade has special characteristics such as Good Dispersability and Workability for Various Polymers.

STARMAG CX-150 is Coated so it shows Superior Affinity, Dispersibility & Workability for Various Polymers, & Moisture proof, in case of blending with polymers. It has Excellent Water Repelancy.

Starmag			R	150	M	L	CX-150	P	KS
Chemical Analysis	Moisture	(%)	-	0.5	0.5	0.5	0.5	0.5	0.5
	Loss on Ignition	(%)	6.3	5.4	2.5	1.5	13.0	1.0	1.0
	MgO *1	(%)	98.3	97.7	97.7	97.7	98.0	98.1	98.1
	CaO	(%)	0.5	0.7	0.6	0.6	0.6	0.6	0.6
	Fe ₂ O ₃	(%)	0.02	0.02	0.02	0.02	0.02	0.02	0.02
	Al ₂ O ₃	(%)	0.01	0.01	0.01	0.01	0.01	0.01	0.01
	Acid Insolubles	(%)	0.02	0.02	0.01	0.01	0.01	0.08	0.08
Bulk Density		(g/ml)	0.45	0.59	0.55	0.55	0.60	0.60	1.0
Average Particle Size *2		(μ)	-	3.5	3.5	3.5	3.5	3.5	-
Specific Surface Area (BET)		(m ² /g)	173	137	50	25	110	10	10
Screen Residue (75μ)		(%)	-	0.01	0.01	0.01	0.01	0.10	-

*1 Measured After Ignition *2 Measured by Laser Diffraction Method

APPLICATIONS

- Chloroprene Rubber (CR)
- Chlorosulfonated Polyethylene (CSM/CSP)
- Halogenated Butyl (CIIR/BIIR)
- Fluoroelastomer (FKM)
- Epichlorohydrin (ECO)
- Chlorinated Polyethylene (CPE)

Adhesive / Coatings CR, CSM, Halogenated Polymers