公司简介

山东银瑞阻燃材料有限公司隶属于山东银丰投资集团，是一家专业生产氢氧化镁阻燃剂的企业，银瑞氢氧化镁阻燃剂主要通过乙烯基硅烷 , 硬脂酸 , 氨基硅烷和高分子改性，真正实现了六角片状氢氧化镁的生产。

氢氧化镁是一种新型的无机型阻燃剂，具有无卤、低烟、无毒、阻滴、能中和可燃物燃烧过程中产生的酸性及腐蚀性气体等特点，被称为绿色环保型阻燃剂 .

为什么选择我们?

纯度：可以达到 99.6%　　白度：不低于 97%

粒径：D50 是 0.7-1.1 μ m　　颗粒为六角片状结构

比表面积为：: BET 6-8m^2/g　　欧洲 REACH 认证

化学法氢氧化镁

规格	表面处理方式	用途
YR6	NO	PE,PP,EPDM Rubber and so on PE,PP,EPDM 橡胶等
YR6A	乙烯基硅烷表面处理	PVC,PE Copolymer and Rubber and so on PVC,PE 共聚物和橡胶等
YR6C	脂肪酸表面处理	PE,PP EPDM ,Rubber and so on PE,PP EPDM 橡胶等
YR6E	复合乙烯基硅烷表面处理	PVC,PE Copolymer and Rubber and so on
YR6N	复合氨基硅烷表面处理	EVA、EEA、PA Rubber and so on EVA、EEA、PA 橡胶等
YR6G	聚合物表面处理	PE,PP and so on PE,PP

技术参数

物理特性	白色粉末
氢氧化镁	99.6%
CaO	Max 0.03%
Cl	Max 0.01%
Fe	Max 0.01%
Whiteness 白度	Min 97
干燥失重 (110 degree centigrade,1h)	Max 0.06%
粒径 D50	0.7-1.1 μ m
颗粒形状	六角片状
盐酸不容物	Max 0.01%
loss on ignition(1200 degree centigrade) 灼烧失量	Max 30.5%
比表面积	6-8 m2/g
莫氏硬度	2.5
堆积密度	300-500 kg/m3
脱水开始温度	340 摄氏度
导电率	391 uS/cm

矿物法氢氧化镁

规格	表层处理方式	用途
YRK5	矿物原粉	
YRK4A	复合乙烯基硅烷	塑料，比如 PE,PP EPDM 和橡胶等
YRK4N	复合氨基硅烷	PA,TPE and Polarity PE copolymer(EVA EEA etc) and also Rubber and so o
YRK4	矿物原粉	
YRK3	矿物原粉	
YRK2	矿物原粉	
YRK1	矿物原粉	

技术参数

物理特性	白色粉末
氢氧化镁	93.3%
CaO. %	Max 1.00
Fe2O3, %	Max 0.5
AL2O3, %	Max 0.2
白度，white	Min 92
干燥失重 (110 degree centigrade,1h)	max1.%
颗粒直径 D50	Max 4 μ m
盐酸不容物	0.006%
灼烧失量（ loss on ignition,1000℃ ） %	Min 30%
莫氏硬度	2.5
脱水开始温度	340 degree centigrade

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ABOUT US

Shandong Yinrui Flame Retardant Material Co., Ltd under Shandong Yinfeng Group is a professional manufacturer of magnesium hydroxide flame retardant with hexagonal platelet and modified with vinyl silane,stearic acid,amino silane ,polymer ETC

Magnesium hydroxide is a new type of inorganic fire-retardant, as a green and environmentally friendly flame retardant .it is halogen free, low smoke, non-toxic, resistance drops, and also can neutralize acid and corrosive gases produced during fuel combustion.

Why choose us ?

Purity:99.6 %　　Whiteness: min 97%

Particle size:D50 is 0.7-1.1 μ m,　　Particle is hexagonal platelet

Specific surface area: BET 6-8m^2/g　　REACH Registration

Magnesium hydroxide by Chemical method

Specification	Treatment type	Main application
YR6	NO	
YR6A	Vinyl silane	PE,PP,EPDM,Rubber and so on
YR6C	stearic acid	PVC,PE,Copolymer and Rubber and so on
YR6E	Compound vinyl silane	PE,PP,EPDM,Rubber and so on
YR6N	compound amino silane	EVA,EEA,PA Rubber and so on
YR6G	polymer	PE,PP and so on

Technical parameters

Physical status	white powder
Mg(OH)2	99.6%
CaO	Max 0.03%
Cl	Max 0.01%
Fe	Max 0.01%
Whiteness	Min 96
drying shrinkage(110 degree centigrade,1h)	max0.06%
D50(particle size)	0.7-1.1 μ m
particle shape	hexagonal platelet
insoluble matter in hydrochloric acid	max0.01%
loss on ignition(1200 degree centigrade)	Max 30.5%
specific surface area	6-8 m2/g
mohs hardness	2.5
bulk density	300-500 kg/m3
Initial dehydration temperature	340 degree centigrade
electrical conductivity	391 uS/cm

Magnesium hydroxide by mineral method

Specification	Treatment type	Main application
YRK5	NO, raw mineral powder	
YRK4A	compound vinyl silane.	plastic. such as PE,PP EPDM and Rubber and so on
YRK4N	compound amino silane	PA,TPE and Polarity PE copolymer(EVA EEA etc) and also Rubber and so on
YRK4	NO, raw mineral powder	
YRK3	NO, raw mineral powder	
YRK2	NO, raw mineral powder	
YRK1	NO, raw mineral powder	

Technical parameters

physical status	white powder
Mg(OH)2	93.3%
CaO. %	Max 1%
Fe2O3, %	Max 0.5%
AL2O3, %	Max 0.2%
Whiteness	Min 92
drying shrinkage(110 degree centigrade,1h)	1.0%
D50(particle size)	2.5-4 μ m
insoluble matter in hydrochloric acid	0.006%
loss on ignition(1000 degree centigrade)	Max 30%
mohs hardness	2.5
Initial dehydration temperature	340 degree centigrade

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