

Product Data Sheet

Hydroxypropyl Methyl Cellulose Phthalate

HPMC-P HP55

CAS No : 9050-31-1

Hypromellose Phthalate also known as HPMC-P or Hydroxypropyl Methyl Cellulose Phthalate or Cellulose,2-hydroxypropyl methyl ether, phthalic acid Ester.

HPMCP HP55 was developed as an enteric coating agent, but due to its excellent characteristics, it has expanded its use in other fields, including sustained release agents, formulations, adhesives and microcapsule components. In application, HPMCP HP55 is usually used alone or mixed with other polymers as a buffering agent.

SPECIFICATION:

Test	HPMCP HP-55
Dissolving pH	Starts @ 5.5
Labelled Viscosity@20C	40 cst
Viscosity in cps@20C	32cps-48cps
Nominal Phthalyl content	31%
Phthalyl content	27.0% - 35.0%
Description& Solubility	Conforms
Identification	Conforms
Water content	NMT 5.0%
Sulphated Ash	NMT 0.20%
Chloride	NMT0.07%
Heavy Metals	NMT 0.001%
Free Phthalic Acid	NMT 1.0%

PROPERTIES:

HPMC-P HP-55 is well recognized and applied as a general enteric coating agent, is well accepted in pharma industries.

KIMA CHEMICAL CO.LTD

Add:Zhangdian,Zibo, Shandong, P.R.China

Tel: +86-533-6281218

Email:sales@kimachemical.com

www.kimachemical.com



All the grades are available in BP/USPNF/EP. It can also be made and Supplied as per other recognized pharmacopeia.

APPLICATIONS:

Film coating of tablets,capsules and pellets
Enteric coating of tablets,pellets and capsules
Sustained release formulations
Delayed release formulations
Pellet coating of medical formulation
Taste masking of the tablets

ADVANTAGES OF FILM COATING:

Soothens pelletibility by masking odor and smell.
Easy to swallow.
Enhances product appearance.
Protection of formulations from air oxidation,moisture and light.
Improves efficacy of the drug.
Prevents gastric cell irritation due to drugs.
Drug will not get destroyed due to acidic pH of the stomach, thus better medical treatment to the patients.

Packing:

Packed in fiber drum, containing25 kgs; palletized & shrink wrapped.

Storage:

Store it in a cool, dry place below 30°C and protected against humidity and pressing, since the goods is thermoplastic, storage time should not exceed 36 months.

Safety notes:

The above data is in accordance with our knowledge, but don't absolve the clients carefully checking it all immediately on receipt. To avoid the different formulation and different raw materials, please do more testing before using it.