



PVP K-30

Polyvinylpyrrolidone

Product Attributes

Product Attribute Name	Product Attribute Value
Physical State as Supplied	white powder
Viscosity cps @25 deg. c	3(5%)
Nominal Molecular Weight	60x103
Tg (Deg. C)	163
Other Properties	K Value=26-35

Product Features

amphiphilic
film former
viscosifier
adjuvent
binder
complexing agent
dispersion aid
dye receptor
fixative
stabilizer
low order of toxicity

SPECIFICATIONS

Chemical Description:

Polymer of 1-Vinyl-2-Pyrrolidone non-pharmaceutical grade K-28/34

Specifications:

Appearance @ 25 deg. C	Powder
Color (APHA, 5 % solids in aqueous soln., <u>W621</u>)	80 Maximum
K-Value (Viscosity of 1% solids w/v aqueous solution, <u>W1307</u>)	28 - 34
% Moisture (Karl Fischer, <u>W623</u>)	5.0 Maximum
% Ash (Residue on Ignition or Sulphated, <u>W720</u>)	0.02 Maximum
% Vinyl Pyrrolidone (GC, <u>W638</u>)	< 0.10
pH (5% as is aqueous solution, <u>W622</u>)	3.0 - 7.0
% Active Content (100-% moisture)	95.0 Minimum