

Tradename Absorption Properties Report

Tradename: Favor Custom 9

Chemical: Poly{Acrylic Acid, Partial Salt - Cross Linking Agent - w/wo Hydrophobic Monomer or Polyalcohol}

Grade	Cosmetic and Technical
Form	Powder
Ionic Character	Anionic, Very High

Absorption Capacity	at 60.00 min	50.0 g/g
Retention		36.0 g/g
Absorption Capacity Under Load	at 0.5 psi	38.0 g/g
Absorption Capacity Under Load	at 1.0 psi	29.5 g/g
Acquisition Rate		1.3 ml/s
Fluid Uptake Rate		0.770 g/gs
Rewet Value	at 75% theoretical cap & 7 psi	0.7 g

Conditions
all in 0.9% NaCl; absorbency under 0.5 or psi load for 1 hr
w/modif of equip described in USP4654039 and USP 5836929

Absorption Capacity vs Time

Absorption Cap (g/g)	Time (min)
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18.4	0.10
28.5	0.57
35.3	1.05

in 0.9% NaCl; USP 5836929 modified (See User Guide)

Gel Strength 48.0 Md/sq cm

Conditions
0.9% NaCl; the equip and test procedure as described in
USP4654039/5836929; modified to use 0.9% NaCl instead of
synthetic urine

pH, Gel at 1.0 wt % Conc 6.6

Conditions
in 0.9% NaCl solution