

Gelling Agents



TP002-1KT:
HiPer® Gelling
agents kit

Technical Specifications Of Different Gelling Agents

Product Name	Agar	CleriGar™	CleriGel™ Ultra	CleriGel™ Super	Carrageenan
Product Code	PCT0901	PCT0902	PCT0903	PCT0906	PCT0907
Appearance	Cream colored, homogenous free flowing powder	White to off white, homogenous free flowing powder	White to off white, homogenous free flowing powder	White to off white, homogenous free flowing powder	White to light brown, homogenous free flowing powder
Solubility	Hazy solution of 0.8 g in 100ml of water after boiling	Clear to Slightly hazy solution at 0.5 g in 100ml of water after boiling	Clear to Slightly hazy solution at 0.2 g in 100ml of water after boiling	Clear to Slightly hazy solution at 0.2 g in 100ml of water after boiling	Clear to Slightly hazy solution at 0.6 g in 100ml of water after boiling
Clarity	Opaque gel formed on cooling	Translucent gel formed on cooling	Transparent gel formed on cooling	Transparent gel formed on cooling	Transparent gel formed on cooling
Loss on drying	≤ 10.0%	≤ 20%	≤ 15%	≤ 15%	≤ 12%
Transmittance	NA	NA	≥ 80%	≥ 80%	NA
Gelling strength	800-110 g/cm ²		500-700 g/cm ²	400-700 g/cm ²	NA
Recommended Use	7 – 8 g/L	3 – 5 g/L	2 – 2.5 g/L	1.8 - 2.5 g/L	6 – 10 g/L