



## SYLVACLEAR™ PE400V Specialty Polymers

**INCI Name:** Polyamide-6

**SYLVACLEAR™ PE400V** is a rheology modifier for formulation with high polarity organic liquids for cosmetic and personal care applications. It can be formulated into water soluble or water dispersible beads, sticks or gels.

Features	Benefits
Gels high polarity liquids	Forms water soluble or water dispersible beads, sticks or gels
Stable and compatible	Beads, gels or sticks can contain high loadings of fragrance or actives loadings
Hydrophilic in nature	Gels can be formulated to dissolve in water as a function of temperature and concentration

Applications
Can be used to make gels of higher polarity organic liquids such as water/glycol mixtures, emollient esters, alcohols, esters, ketones and surfactants. Can be used to form water soluble beads and sticks or wash off gels with high fragrance or actives loadings.

Typical Properties	
Bio-based (non-petroleum carbon) content, %	27
Softening Point °C, Cup & Ball	114
Color, Gardner	3
Acid Number	7
Amine Number	2

<b>CASRN</b>	868684-71-3
<b>Packaging</b>	Resin is available in pastille form in fiber drums, 60 lbs net.
<b>Handling &amp; Storage</b>	Resin is soft at room temperature, compaction may occur during storage. To minimize, the resin should be stored in closed drums at room temperature or below.



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