



SYLVACLEAR™ PA1200V Specialty Polymers

INCI Name: Polyamide-3

SYLVACLEAR™ PA1200V is a partially vegetable derived rheology modifier for formulation with medium to high polarity organic liquids for cosmetic and personal care applications. It forms softer gels than SYLVACLEAR™ AF1900V.

Features	Benefits
Medium bio-based content	Sustainable, only partially petroleum derived
Gels medium to high polarity liquids	Unique feel, shear thinning, excellent payout
Forms gelled oil-in-water emulsions without the need for surfactants	Surfactant free formulations with low skin irritation
Forms gelled oil-in-water emulsions that are pH insensitive	Allows a wide range of actives and high salt tolerance
Higher molecular weight, functional polymer	Stabilizes pigments, can make hard to stabilize ingredients compatible

Applications
Can be used to make solid gels of medium to higher polarity organic liquids such as emollient esters, glycols, alcohols, esters and surfactants. Can be used to form stable, aesthetically pleasing gelled oil-in-water emulsions without the need for surfactants.

Typical Properties	
Bio-based (non-petroleum carbon) content, %	48
Softening Point °C, Cup & Ball	92
Color, Gardner	3
Acid Number	9
Amine Number	1

CASRN	1093268-29-1
Packaging	Resin is available in pastille form in fiber drums, 60 lbs net.
Handling & Storage	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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