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PENRECO CANDLE VERSAGEL®

Penreco offers a series of candle gels under the Versagel® brand name. These gels are specially formulated for candle making and offer flash points of 450 °F and a (typical) sustained burn (Fire Point) of 500 °F. The water white Penreco Versagel offers:

- Thermal reversibility
- No syneresis (oil bleed)
- Excellent suspension and dispersion properties

In addition, each Versagel® grade is designed for different fragrance capacities:

- Versagel® CLP is designed for fragrance loads of 0-4%,
- Versagel® CMP designed for fragrance loads of 3-6%,
- And Versagel® CHP grade designed for suspension of ingredients such as glitter, and specialty pigments.



■ VERSAGEL® CANDLE PRODUCT SPECIFICATIONS

	Method	Versagel® C LP			Versagel® C MP			Versagel® C HP			Versagel® CC		
		Min	Max	Typical	Min	Max	Typical	Min	Max	Typical	Min	Max	Typical
VISCOSITY @ 110°C cPs	D2983	70.00	110.00	87.06	210.00	270.00	241.70	400.00	600.00	460.17			
VISCOSITY @ 250°F cPs	D2983										25.0	55.0	39.7
GRAVITY, API	D4052			32.0			32.0			32.0			32.0
POUNDS PER GALLON @ 60°F lb/gal	D1250			7.206			7.206			7.206			7.206
FLASH POINT, COC °F	D92			420			420			420			420
COLOR, SAYBOLT	D156	27		30	27		30	27		30			30
APPEARANCE, CLEAR SOFT GEL	VISUAL			PASS			PASS			PASS			PASS
ODOR	Organoleptic												PASS

Penreco specializes in NICHE PRODUCT BLENDING to meet customer specific requirements.

■ TECHNICAL ASSISTANCE

We offer assistance in blending for specialty applications as well as a number of FDA compliant products. If you have questions regarding these products, please contact your Sales Representative. Customer Service and Technical Service can be reached at www.penreco.com or 1-800-245-3952.

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Calumet's sampling and testing procedures in effect at the time of production will be used for certification testing. Results may be based on tank certification, manufacturing data, periodic testing and/or most recent product restock. Typical values only represent the values one would expect if the property were tested in our laboratories with our test methods on the specified date. Some product properties are not frequently measured, and accordingly typical values are not based on a statistically relevant number of tests. The information in this document relates only to the named product. The user is solely responsible for all determination regarding any use and any process.

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Hydrocal Calsol™ Calpro Calpar Orchex® Versagel® Synergel® Drakesol Conosol® MagieSol® Drakeol® Parol® Inkol® Draketex Penetec®