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Monsanto Chemical Company Saint Louis, Missouri

New York-Chicago-Boston-Birmingham-Charlotte-Cincinnati-Cleveland
Detroit-Philadelphia-Los Angeles-San Francisco-Montreal

MONTAR

The Montars are a series of high-melting, dark-colored products of somewhat variable composition of which the following are representative.

Typical Properties of the Montars

Montar #3 -	Softening Point (ASTM)	130-160°C.
	Flash Point	570°F. (298°C.)
	Fire Point	None at 650°F. (343°C.)
	Acidity (Mgm NaOH/gm)	Slightly basic
	Chlorine	51.6%
	CaO	3.47
	Fe	0.31
Montar #4 -	(Polychlorinated polyphenyl)	
	Softening Point	191-208°C.
	Penetration, 250 gm. weight:	0 @ 75°C.
Montar #5 -	(Polychlorinated polyphenyl)	
	Chlorine	57-59.0%
	CaO	Max. 1.6%
	Fe	Max. 0.12%
	Softening Point	165-180°C.
	Penetration, 250 gm. weight:	2 cm. x 10^{-2}/min.@75°C.
Montar #6 -	(Polychlorinated polyphenyl)	
	Softening Point	168°C.
	Chlorine	59.9%
	CaO	2.0%
	Fe	0.13%
Montar #9 -	Softening Point (ASTM)	140-160°C.
	Flash Point	495°F. (257°C.)
	Fire Point	580°F. (304°C.)
	Acidity (Mgm. NaOH/gm.)	0.104
	Chlorine	0.18%
	CaO	None
	Fe	0.21
Montar #10 -	(Mixed polyphenyl and polychlorinated polyphenyl)	
	Softening Point	139°C.
	Penetration	47 cm x 10^{-2}/5 sec. @ 75°C.

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The information in this bulletin is based on our experience, represents our best judgment in the matter, and is intended to be helpful, but we cannot assume responsibility for loss or accident that may result from its use.

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