



TYRIN™ CM566

Chlorinated Polyethylene

Main Characteristics

- Low sodium content

Properties ⁽¹⁾		English	Metric
Typical Physical	Test Method		
Chlorine Content, %	Dow Method	36	36
Heat of Fusion, cal/g (J/g)	Dow Method	0.2	0.8
Volatiles, % maximum	Dow Method	0.5	0.5
Mooney Viscosity, ML 1 + 4 @ 121°C	ASTM D 1646	80	80
Specific Gravity	ASTM D 792	1.16	1.16
Formulated ⁽²⁾			
Tensile Strength, psi (MPa)	ASTM D 412	2700	18.6
Ultimate Tensile Elongation, %	ASTM D 412	340	340
200% Modulus, psi (MPa)	ASTM D 412	1700	11.7
Hardness Shore A	ASTM D 2240	70	70
Mooney Viscosity, ML 1 + 4 @ 121°C	ASTM D 1646	40	40

(1) These are typical properties only and are not to be regarded as sales specifications.

(2) Data refers to the following formation:

TYRIN CPE Resin	100 parts
Lead Dispersion K202M (80)	10 phr
N-550 Carbon Black	40 phr
Trioctyl Trimellitate	15 phr
Triallyl Isocyanurate	2 phr
Dicumyl Peroxide, 40% active	7 phr
Cure: 30 min at 320°F (160°C)	

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Published July 2005

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