



TYRIN™ CM0136

Chlorinated Polyethylene

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	3000	20.7
Ultimate Tensile Elongation, %	ASTM D 412	310	310
200% Modulus, psi (MPa)	ASTM D 412	1700	11.7
Hardness	ASTM D 2240		
Shore A		65	65
Mooney Viscosity, ML 1 + 4 @ 121°C	ASTM D 1646	38	38

(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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