



# XUS 63008.00

## Developmental Chlorinated Polyethylene

XUS 63008.00 is a high viscosity chlorinated polyethylene with low crystallinity. It has been designed to accept high loadings of fillers with comparable or better physical properties compared to standard CPE products. XUS 63008.00 has an excellent balance of heat and chemical resistance that makes it suitable for use in a wide variety of thermoset applications such as wire and cable jacketing, automotive hoses, ducts and industrial hoses.

XUS 63008.00 when properly formulated can provide performance and cost advantages over other well known elastomer systems such as polychloroprene (CR), Nitrile rubber (NBR), Nitrile rubber / Polyvinyl chloride (NBR/PVC) blends and Chlorosulfonated polyethylene (CSM).

Properties <sup>(1)</sup>		Metric
Typical Physical	Test Method	
Chlorine Content, %	ISO 1158/DIN 53474	35
Density, g/cm <sup>3</sup>	ISO 1183/DIN 53479-A	1.15
Melt Viscosity, Pa.s	ISO/DIS 11443/DIN 54811-A	2900
Heat of Fusion, J/g	Dow Method	<2
Volatiles, %	ISO 248/DIN 53526	<0.3
Stress at 100% strain <sup>(2)</sup> , MPa	ISO 37/DIN 53504	1.6

(1) These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.

(2) Data refers to the following formulation:

TYRIN CPE Resin	100 parts
Calcium Stearate	2 phr
Stearic Acid	0.5 phr
Epoxidized Soya Oil	3 phr

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Published January, 2009.  
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