

## CPE JACKET

### Cholorinated Polyethylene Specification Data

Test Requirements	Guaranteed	Typical
<b>PHYSICAL PROPERTIES</b>		
Original Tensile Strength, psi	1400 min.	1575
Original Elongation, percent	150 min.	270
Tensile Stress @ 100% Elong., psi	1000 min.	1350
Aged - Air Oven - 168 Hr. @ 121°C		
Percent of Original		
Tensile	85 min.	95
Elongation	50 min.	65
Oil Immersion - 18 Hr. @ 100°C		
IRM 902 Oil		
Percent of Original		
Tensile	60 min.	75
Elongation	60 min.	85
<b>ENVIRONMENTAL PROPERTIES</b>		
Heat Distortion @ 121°C, percent	25 max.	4
Heat Shock @ 121°C	No Cracks	No Cracks
Cold Bend 1 Hr. @ - 35°C, 8 X O.D.	No Cracks	No Cracks
7-Day Mechanical Moisture @ 70°C, mg/in <sup>2</sup>	25 max.	15
<b>ELECTRICAL PROPERTIES</b>		
Specific Surface Resistivity, megohms	2 X 10 <sup>5</sup> min.	5 X 10 <sup>6</sup>
<b>FLAME &amp; CORROSIVITY PROPERTIES</b>		
Oxygen Index	28 min.	30
VW-1 Flame Test	Pass	Pass
Halogen Content (by weight), percent	19 max.	18
<b>Complies with:</b>		
ICEA S-95-658 / NEMA WC 70	Table 4-1 CPE TP	
ICEA S-93-639 / NEMA WC 74	Table 7-1 CPE TP	
ICEA S-97-682	Table 7-7	
ICEA S-94-649	Table 7-7	
ICEA S-73-532 / NEMA WC 57	Table 4-2 CPE TP	