

WELLPREN TM

CHLORINATED POLYETHYLENE ELASTOMER

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CM 3550N

Version: 02

Revision date: 01 Jan.2017

General introduction

WELPPRN TM CM series products are chlorinated polyethylene elastomers. As a special synthetic rubber, they have superior comprehensive performance such as:

- Excellent chemical, oil, heat and ignition resistance
- Outstanding heat-aging characteristics
- Performance over a broad temperature range
- Unique crumb form, permitting easy blending ,formulating and processing
- Polymer shelf stability measured in years
- Good processability on equipment common to the rubber industry
- Attractive economics

Characteristics of CM 3550N

CM 3550N has a low molecular weight, lowest Mooney viscosity, good mechanical performance, excellent processibility, quick extrusion speed and excellent final product outlook.

Application

As a low Mooney viscosity grade, it is widely used for hose, wire/cable and molded products, especially for wire/cable products with excellent surface.

Supply specification

Property CM 3550N	Test method	Typical data	Specification
Appearance	---	White powder	White powder
Chlorine content, %	GB/T7139	35	34 - 36
Heat of fusion, J/g	HG/T2704-2010	1.0	≤ 1.5
Volatiles, %	GB/T2914	0.2	≤ 0.3
Impurity particles, piece/100g	HG/T2704-2010	5	≤ 15
Hardness, Shore A	GB/T531	50	≤ 55
Tensile strength, Mpa	GB528	10.0	≥ 8.0
Elongation at break, %	GB528	800	≥ 700
Mooney Viscosity, ML1+4 @125 °C	HG/T1232	50	45 - 55

Packing, transportation and storage

25 Kg PP woven bag or low melting EVA bag.

This material is non- dangerous goods for land, air and marine transportation.

To avoid blocking, bags containing WELLPREN should be stacked no more than two pallets high and should be stored at temperature no more than 100° F (38° C), shelf life is theoretically unlimited when storage is under proper conditions.

Safe Handling

Please consult the MSDS before handling for additional information concerning personal protective equipment, Safety, Health and Environmental information, and always exercise the utmost care in handling.

Contact information



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