

# WELLPREN™

## CHLORINATED POLYETHYLENE ELASTOMER

WELLPREN™

CM 3588M

**Version: 02**  
**Revision date: 01 Jan.2017**

### General introduction

WELLPREN™ 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 3588M

CM 3588M is a newly developed grade produced by new technology.

Among all WELLPREN™ CM series, CM 3588M has the highest molecular weight, relatively narrow molecular weight distribution, highest Mooney viscosity and excellent physical performance.

This new grade also has excellent processibility and excellent final product outlook.

### Application

With the highest molecular weight, highest Mooney viscosity and best physical property, CM 3588M is widely used for highly filled hose, cable jackets, HPN cords, sponge and molded products.

## Supply specification

<b>CM 3588M</b>	<b>Property</b>	<b>Test method</b>	<b>Typical data</b>	<b>Specification</b>
	Appearance	---	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	SD/T-2705	5	≤ 15
	Hardness, Shore A	GB/T531	55	52 - 56
	Tensile strength, Mpa	GB528	12.5	≥ 12.0
	Elongation at break,%	GB528	800	≥700
	Mooney Viscosity, ML1+4 @125 °C	HG/T1232	88	84-92
	Anti-blocking agent, %		5	5

## 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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