

WELLPREN™

CHLORINATED POLYETHYLENE ELASTOMER

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CM 3065M

Version: 01

Revision date: 25 Sept.2018

General introduction

WELLPRN™ 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 3065M

CM 3065M has medium molecular weight, low chlorine content, low Mooney viscosity, high modules, it shows improved heat resistance and better low temperature properties.

CM 3065M has higher mechanical property than CM 3055M.

Application

Industrial hose and automobile hose etc.

Supply specification

CM 3065M	Property	Test method	Typical data	Specification
	Appearance	---	White powder	White powder
	Chlorine content, %	GB/T7139	30	29 - 31
	Heat of fusion, J/g	HG/T2704-2010	1.0	≤ 1.5
	Volatiles, %	GB/T2914	0.1	≤ 0.2
	Impurity particles, piece/100g	HG/T2704-2010	5	≤ 15
	Hardness, Shore A	GB/T531	58	≤ 62
	Tensile strength, Mpa	GB528	12.5	≥ 11.5
	Elongation at break, %	GB528	800	≥ 700
	Mooney Viscosity, ML1+4 @125 °C	HG/T1232	65	60 - 70

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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