

WELLPREN™

CHLORINATED POLYETHYLENE ELASTOMER

WELLPREN™

CM 3678M

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 3678M

CM 3678M is a newly developed grade produced by new technology, this grade has a medium molecular weight, moderate Mooney viscosity, superior mechanical performance, excellent processibility, quick extrusion speed and excellent final product outlook.

CM 3678M is the most popular WELLPREN™ CM grade for rubber application which has perfect balance of physical performance and processibility.

Application

As a medium Mooney viscosity grade, it is widely used for hose, wire/cable and molded products.

Supply specification

Property	Test method	Typical data	Specification
CM 3678M			
Appearance	---	White powder	
Chlorine content, %	GB/T7139	36	35 – 37
Heat of fusion, J/g	HG/T2704-2010	1.0	≤ 1.5
Volatiles, %	GB/T2914	0.1	≤ 0.3
Impurity particles, piece/100g	HG/T2704-2010	5	≤ 15
Hardness, Shore A	GB/T531	54	52 - 56
Tensile strength, Mpa	GB528	11.5	≥ 11.0
Elongation at break,%	GB528	750	≥700
Mooney Viscosity, ML1+4 @125 °C	HG/T1232	78	74 - 82
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



<http://www.sundow.com>

info@sundow.com

Sundow Polymers Co.LTD

F1.8, Riverdals Bld.,No.350, Dongfeng Street, Weifang, Shandong, China.

Tel: + (86) 536 8057068

Fax: +(86) 536 8057018