



CWN-201 is an ethylene homopolymer of linear crystalline chain and low molecular weight of aliphatic hydrocarbons.

Due to its **ultra-low viscosity** is perfect to reduce **Mooney viscosity** and improve **“blooming effect”** in rubber processing.

CWN-201 is a **non-oxidized wax**, a perfect agent for dispersion and **humidifying pigments in colour masterbatch**.

CWN-201 is non-polar and acts as a good **external lubricant in PVC production**.

CWN-201 is **very versatile and high performance** which makes it in our most **universal application grade**.

APPLICATION INDUSTRIES



PVC



MASTERBATCH



RUBBER



CANDLES




POWDER PAINTS



CABLES

Did you know that: :

Zell Waxes are manufactured in Spain and:

-) Are **chemically inert**.
-) Are compatibles with **EVA resins and copolymers**.
-) Is an excellent aid for **rubber processing**.
-) Have good **solvent retention**.
-) As **external lubricant** provides smooth and uniform surfaces, reducing energy consumption in extrusion and **optimizing costs**.
-) Facilitate **recycling** of final product. 
-) Are suitable for **food contact**.

DISPERSION



PE

EXCELLENT



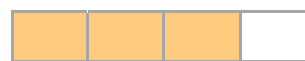
PP

GOOD

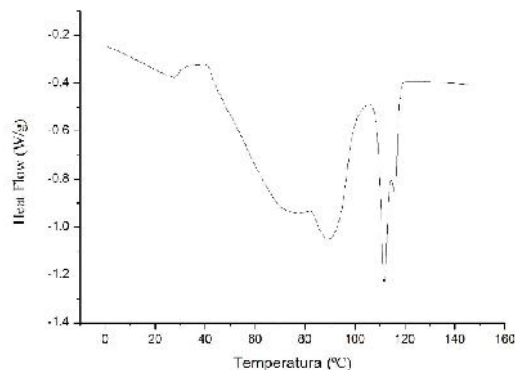


PVC

GOOD



CHARACTERISTICS	NORM	VALUE
DROP POINT, °C	ASTM 566	108-113
CONGEALING POINT, °C	ASTMD 938	98-105
PENETRATION (25°C), 10 ⁻¹ mm	ASTMD 1321	2-4
VISCOSITY (150°C), cP	BROOKFIELD	45-80
COLOUR	ZELL WAX	WHITE
PRESENTATION	ZELL WAX	POWDER
ACIDITY, mg KOH/g	DIN 5324	0
DENSITY (25°C), g/cc	ZELL WAX	0,955



DSC CWN-201

CAS: 9002-88-4; EINECS: 200-815-3

PACKING:

RAFFIA SACKS 20KG; 1000/1100/1200 KG PER PALLET; PALLET SIZE : 1250 X 1050 MM.

12 T. PER 20 FEET CONTAINER (10 PALLETS X 1200KG) ;

22T. PER 40 FEET CONTAINER (20 PALLETS X 1100 KG)

International rules of application:

- J COMMISSION REGULATION (EU) No 10/2011; COMMISSION REGULATION (EC) No 1895/2005 of 18 November 2005; COUNCIL DIRECTIVE of 22 June 1988 (88/388/EEC); COUNCIL DIRECTIVE of 21 December 1988 (89/107/EEC); COMMISSION REGULATION (EU) N° 1183/2012 of 30 November 2012; Regulation No 1907/2006 of the European Parliament and of the Council of 18 December 2006; Resolution AP 89/1 and French Positive List; Commission Decision of 18 August 2005 (2005/618/EC) amending Directive 2002/95 of European Parliament; Directive 94/62/CE related to Packaging Waste and Recycling; Directive 2009/48/CE on the Safety on Toys.
- J USA FDA regulations: 21CFR § 172.260, 172.615, 175.105, 175.125, 176.170, 176.180, 177.1520, 178.3720, 178.3850, 179.45.
- J German regulations 131 Mitteilung, Bundesgesundheitsblatt 21,447 1978, Section XXV and Section II of 1978 132 Mitteilung, Bundesgesundheitsblatt 21,474.
- J Annex VI of the CLP Regulation and Substances of Very High Concern (SVHC) candidate lists of 28/10/2008; 13/01/2010; 30/03/2010; 18/06/2010; 15/12/2010; 21/06/2011; 19/12/2011; 18/06/2012; 19/12/2012; 20/06/2013; 17/12/2015.

The information given herein is believed to be accurate and comes from our experience in this field but it is presented without guaranty or responsibility of any kind. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers.