

## CHLORINE PARAFFIN

**Chlorinated paraffins** are chemical compounds obtained by chlorination of paraffinic hydrocarbons and are especially preferred as flame retardants due to their non-flammability properties. Their ability to mix easily with other plasticizers also makes them suitable for use as viscosity regulators. The final properties of the blends are shaped according to the type and ratio of the plasticizer used.

## APPLICATION AREA

- PVC applications and PVC compounds
- Cable and wire insulation systems
- Plastic and rubber products
- Coatings requiring flame resistance
- Color masterbatches and various polymer additives
- Polyethylene and other polymer processing applications
- Powder coatings and industrial painting systems
- Inks and printing auxiliaries
- Textile finishing and emulsions
- Hot-melt adhesives and sealing products

## RECOMMENDED DOSAGE

It varies depending on the formulation, processing conditions, and type of product.

## PACKAGING

Packaging options are available in the requested packaging types, including IBC and drum.

## STORAGE

Store in a cool, dry place, away from rain, snow, and direct sunlight.

## SHELF LIFE

12 Months

## PRODUCT FEATURES

- Excellent pigment wettability
- Superior slip and processability properties
- High chemical and solvent resistance
- Good heat resistance and thermal stability
- Ability to provide flame retardant effect
- Contributes to viscosity control in formulations

## CHEMICAL AND PHYSICAL PROPERTIES

ANALYSIS METHOD	SPECIFICATION LIMITS	TEST METHOD
Color (Hazen)	80	ASTM D-1209
Density (27°C)	1280 ± 1320	ASTM D-1045
Chlorine Content	%52	ISI 1488-77
Viscosity (27°C, Poise)	10 – 30	Brookfield Viskoizimetre
Thermal Stability (180°C, 30 minutes)	Yellow	TM
Free Mineral Acidity	0.01	TM
Free Chlorine	NIL	ISI 9189-79
Volatile Matter Loss (130°C / 3 hours)	1 – 5	TM
pH Value	6 – 7	TM
Refractive Index (27°C)	1.55	ASTM D-1807

## OCCUPATIONAL HEALTH AND SAFETY

Appropriate personal protective equipment should be used. Wearing a mask, protective clothing, gloves, and eye/face protection is recommended.

Uncontrolled release of the product into the environment should be avoided. For detailed information, refer to the Material Safety Data Sheet (MSDS).

The Material Safety Data Sheet, which contains information on the safe transportation, storage, and handling of the product, is available upon request.

This technical data sheet does not relieve users of their responsibility to comply with relevant legal regulations regarding food safety, handling of hazardous substances, and occupational health and safety.

None of the statements in this document shall be interpreted as permission to violate third-party patents or applicable laws and regulations.