

Technical Data Sheet

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Item Name:

CARBOMER 940

PRODUCT INFORMATION

Chinese Name:	卡波姆940
Commodity Name:	Carbomer 940
Chemical Name:	Carboxyl Poly Methylene
Other Name:	Carboxypolymethylene, Carbopol
CAS No.:	9007-20-9
Molecular Weight:	72.06
Molecular Formula:	$[C_3H_4O_2]_n$

PRODUCT DESCRIPTION

Short flow rheology characteristics
High viscosity builder and stabilizer
High clarity and suspending ability in hair gels.
Compatible with other materials used in styling gels.

TECHNICAL SPECIFICATION

Index	Standard
Appearance (25°C)	Fluffy, white powder
Viscosity (mPa.s, 0.5% W/V)	40000 - 60000
pH (25°C, min)	2.5 - 3.5
Residual on ignition by wt %	2.0 max
Heavy metal (Pb, As, Hg, Sb, by ppm)	20 max
Loss on drying by wt %	2.0 max
Carboxylic acid groups by %	56.0 - 68.0

MAIN APPLICATION

Hair care products; Skin care products.
Main functions: rheology modifier; suspending agent; thickener.

PACKING, LOADING AND SHELF LIFE

Packing: 20kg carton on pallets
Loading: 5mt per 20'FCL (with pallet), 6.16 mt per 20'FCL (without pallet)
Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.