

1 – Product Identification

Product name	Polacril U10
INCI Name	Carbomer
General product information	<p>Features and Benefits of POLACRIL U10</p> <p>1)RapidWetting The structure of POLACRIL U10 grade allows a rapid wetting and improved swelling time. This processing benefit is offered without to compromise the performance in the personal care formulations.</p> <p>2)Efficient Thickening It is an extremely efficient rheology modifier capable of providing medium viscosity and forms very clear gels. Its medium/short flow, non drip properties are ideal for applications such as hair gels, hydroalcoholic gels, creams, and lotion.</p> <p>3)Performance & Cost It self wets rapidly so to decrease the processing time, not form foam into the dispersion process and provides an improved resistance into hydroalcoholic solutions. Easy to manage this thickening allow to be used in a broad range of products so to improve performance and efficiency.</p>
Applications	<ul style="list-style-type: none"> • Hairstyling gels • Hydroalcoholic gels • Moisturizinggels • Bath gels • Hand, body and face lotions • Creams • Toothpaste • Room freshnergel • Hair, skinand moisturizingcreams • Shavinggel and sunscreenlotion. • Aftershavelotions

2 – Analytical Specification

	Units	Limits
Appearance		White Powder
Viscosity (neutralized solution)	cP	40000 - 60000

3– Typical Value

	Limits
Residual solvent (methylene chloride)	Max 2000 ppm

4 – Handling

Packaging	20 Kg
Storage	Store in the original sealed containers, in a fresh (35°C max.) and dry place, protected from light and heat sources. Packages must be re-closed after use to avoid humidity penetration.
Shelf-life	24 months from the production date, in the original sealed containers.

5 - Disclaimer

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