

Manta G731 Silicone Elastomer Gel

Description

Manta G731 is a dimethicone (and) PEG-10 dimethicone/vinyl dimethicone crosspolymer.

Typical Physical Properties

INCI/CTFA	Dimethicone (and) PEG-10 Dimethicone/Vinyl Dimethicone Crosspolymer
Appearance	Clear To Translucent Gel
Solid Content (%)	> 15%
Viscosity (PAS, 25°C)	200-450

Properties

Good hydrophilicity, dry and matte;
Effectively thickens oily formula with minimal sebum absorption;
Easy to formulate and compatible with a wide range of lipophilic active ingredients;
Reduce the stickiness of the formula and absorb quickly.

Applications

Manta G731 is used in skin care, hair care and other cosmetic formulations: such as sunscreen, makeup etc.

The recommended usage level is 0.1~80%, the specific usage method depends on actual needs.

Other things to note

1. To ensure the emulsification and hydrophilic effect, the dilution ratio and dilution speed need to be controlled;
2. When adding hydrophilic components, you can add materials multiple times to ensure the best effect;
3. If gel is used and water needs to be emulsified, shearing equipment can be used to control the emulsification effect;
4. When used at lower concentrations, it needs to be combined with other hydrophilic silicone elastomers or hydrophilic modified silicone oil;
5. Avoid contact with high temperatures and do not use it above 100°C.

Packaging

In 40kg , 160kg drum.

Safety and Storage

Keep away from heat and open flame. Prevent from the exposure of moisture, acid, alkalis and other impurities. When stored at well in the original unopened containers, this product has a usable life of 24 months from the date of production (drum packing).

Contact Information

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