

Castor thickener

CAS No. 8001-79-4 / 8001-78-3

General

Castor thickener pure and Castor thickener blend are both rheological modifiers used as thixotropic agent in paints, printing inks and other coatings.

Standard specifications

		pure	blend
appearance		ultra fine powder	ultra fine powder
composition		100% HCO	75% HCO + 25% Bisamide wax
colour	Gardner		max. 8
melting point	°C	82 - 88	136 - 140
saponification value	mg KOH/g	177 - 182	130 - 138
amine value			max. 2
acid value	mg KOH/g	max. 4	max. 6
hydroxyl value	mg KOH/g	155 - 165	155 - 165
iodine value	mg I ₂ /100g	max. 3	
Sieve analyses	< 32 micron	99%	99%
	< 44 micron	100%	100%

Applications

- adhesives & sealants.
- alkyd resins.
- paints (household, road).
- coatings (industrial & maintenance, polyester).
- 2K PU systems.
- topcoats (vinyl, epoxy polyamide).
- advantages: improved levelling, provides sag control, no hard settling of pigments, improved storage stability
- no negative influence on: water resistance, weather resistance and light resistance.

Packing

Both products are supplied in:

- bags (20 kg)

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