Product information

VESTAGON® EP*-B 1190

CROSSLINKING AGENT FOR POLYURETHANE POWDER COATINGS

GENERAL DESCRIPTION

VESTAGON EP-B 1190 is a crosslinker used in combination with hydroxy functional resins for direct food contact. It is stable during processing up to the unblocking temperature of more than 160 °C. The crosslinker is delivered in the form of pellets.

TYPICAL PROPERTIES (PRELIMINARY)

Property	Value	Unit	Test method
NCO content (blocked)	approx. 11,0	% wt	according to DIN EN ISO 11 909
NCO content (free)	< 1	% wt	DIN EN ISO 11 909
Glass transition temperature	approx. 108	°C	DSC
Density	1.14	g/cm^3	DIN 53 479
Bulk density	~ 670	kg/m^3	DIN 53 466
Melting range	approx. 134 - 156	°C	DIN 53 736

APPLICATIONS

VESTAGON EP-B 1190 is listed in the iventory of effective food substances. Thus it can be used with appropriate hydroxy functional resins even for direct food contact. Restrictions and conditions of use as described in FCN-No. 1268 must be taken into account to ensure compliance.

CURING

The curing temperature for PUR powder coatings based on VESTAGON EP-B 1190 lies above the splitting temperature of about 160 °C. Curing temperatures of > 200°C must be applied to satisfy the Specific Migration Limit of e-Caprolactam in place.

*Experimental product

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STORAGE AND PACKAGING

The product is delivered in flat bags, net weight 25 kg. If kept cool (0 - 40 °C) and dry in closed bags the product can be stored for at least 1 year in accordance to the specification. All opened bags must be carefully resealed immediately after use.

SAFETY AND HANDLING

Please refer to our Safety Data Sheet.

Marl, January 26, 2022; This data sheet replaces all former issues.

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