

VP Disp. CIT 20 DEG

Developmental dispersion of indium tin oxide*

Characteristic physico-chemical data

Properties and test methods	Unit	Value
Solid content	%	19 ± 1
Solvent		Ethylenglycol
Mean aggregate size d-50 value, volume	nm	≤ 100
The data represents typical values (no product specification).		

Registrations (substance or product components)

VP Disp. CIT 20 DEG

CAS No.	1312-43-2 18282-10-5 52350-17-1 107-21-1
TSCA (USA), KECI (Korea), CSNN (Taiwan)	All components of this dispersion are registered in these inventories.

Packaging and storage

Size of trading unit: 0.5 kg glass bottle, other packaging upon request

Storage: We recommend to store the product in closed original containers at room temperature, under dry conditions and to protect the material from volatile substances. The product should be used within 12 months.

Note: This product group is not marketed by Nippon Aerosil Co., Ltd in Japan! Please refer to one of the other contacts listed below.

Applications and properties

Applications

Heat absorbing coatings for:

- construction / architecture
- automotive
- transparent, colorless laser markable materials

Properties

Dispersions based on VP Disp. CIT 20 DEG enable the production of highly transparent, colorless coatings on polymers and glass or composites featuring IR absorbing properties. These properties are additionally complimented by enhanced scratch resistance of the coatings depending on the user binder matrix.

Appearance

VP Disp. CIT 20 DEG is a blueish liquid

* Developmental products are labeled with the VP designation. Commercialization depends on market response.

Safety and handling

A safety data sheet will be provided with your first delivery and with subsequent revisions. Additionally, the Product Safety Department of Evonik Resource Efficiency GmbH can be contacted via mail at sds-hu@evonik.com for specific questions. We recommend to read the safety data sheet carefully prior to use of the product.

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