

Technical Data Sheet

Issued May 2018

Civestra™ GP

Description

Civestra GP is based on the glycidyl ester of Versatic™ Acid 10, a synthetic saturated monocarboxylic acid mixture of highly branched C₁₀ isomers.

Applications

Civestra GP is specially designed to be used as a reactive diluent for epoxy resins based on bisphenol A, bisphenol F or blends of these two. Typical applications for Civestra GP diluted resins include solvent-free coatings curing at ambient temperature and compositions for the civil engineering industry, including floorings and concrete repair compounds. Civestra GP has good wetting characteristics and offers better crystallisation resistance and improved chemical resistance in the diluted resin compared to many other diluents.

Sales Specification

Property	Test method	Unit	Value
Epoxy Group Content	SMS 2026	mmol/kg	3850 - 4350
Color	ASTM D1209	Pt-Co	100 max
Water	ASTM E 203	% m/m	0.3 max
Appearance	LPM 5037		CFFD

Test Methods

ASTM Standards are published by the American Society for Testing and Materials, 100 Barr Harbor Drive, west Conshohocken, PA 19428-2959, USA or can be found under www.astm.org.

SMS and LPM methods mentioned are available from Hexion Europe B.V.

Transportation and Storage

Information on transport, storage, labeling, suitable materials for tank construction, etc, is available from Hexion, via local representative or distributor.

Civestra GP ester should be stored at ambient temperature (min 5 °C - max 50 °C) in conditions such that moisture is excluded, in the original containers kept tightly closed, protected from direct sunlight in a dry, cool and well-ventilated area. Under these conditions, the shelf life should be three years starting from the manufactured date.

Technical Data Sheet

Handling Precautions

For more detailed information on all aspects relating to Health, Safety and Handling, reference should be made to the Safety Data Sheet of Civestra GP, which is available from your local Hexion representative or distributor. The precautions advised therein should be strictly observed.

Contact Information

For contact information about this product, go to www.hexion.com and visit our contacts pages. Here you will have option to choose your region to find a representative in your area.