

GC EXTEROL 20

REACTIVE HALOGEN FREE FLAME RETARDANT

GC EXTEROL 20 is a halogen-free reactive flame retardant based on a polyester polyol. It is an aromatic-aliphatic polyester characterized by low functionality, hydroxyl number and medium viscosity.

GC EXTEROL 20 in addition to a high colour stability, guarantees the absence of migration of the additive and stability of the mechanical characteristics over time.

GC EXTEROL 20 has been developed as replacement of TCPP and halogenated flame retardants, it is recommended as co-polyol for PU systems, specifically in foams, mainly when PIR technology is used.

PHYSICAL-CHEMICAL PROPERTIES

Appearance	Viscous liquid
Colour	Yellow - brown
Hydroxyl value, mg KOH / g	250
Viscosity @ 25°C, mPa s	2500 ± 1000
Boiling Point, °C	min 185
Flash Point, °C	> 110
Water content, %	max 0.15

HANDLING AND STORAGE: The processing and use of GC EXTEROL 20 requires adequate technical and professional knowledge. Please consult safety data sheet for further handling, storage and toxicity information. GC EXTEROL 20, due to its hygroscopic nature, must be stored in its original and sealed containers and kept in a dry, well ventilated place avoiding the direct sun radiation. The presence of excessive humidity will alter the characteristics of the resin.

PACKAGING: Standard packaging size of GC EXTEROL 20 is in 250 Kg drums or 1000 Kg IBC drums.

IMPORTANT NOTE Some plastic additives, fillers or pigments can influence significantly flame retardant properties of the compound. Before using this product, please be informed.
Machine stop at high temperature could create degradation of polymers. Please clean with neutral polymers.

Disclaimer:

Information contained in this document is provided to the best of our knowledge and is considered true as per revision date. We do not accept any liability for loss and damage that may occur from the improper use of this information and for the use against the safety legal requirements and patent rights. This specification does not release the customer from the obligation to check the product as to its suitability for intended area of usage.