

Product Data Sheet

Thioplast™ G21

Status: July 2019

Liquid polysulfide polymer with thiol end groups

Description	Liquid Polysulfide Pre-polymer, end-capped by SH-functional end groups.
Properties ¹⁾ 1) Typical properties, not to be construed as product specifications	$\begin{array}{llllllllllllllllllllllllllllllllllll$
Application	Thioplast G21 is used to formulate flexible, highly elastic sealants being used in Insulating Glass applications with best performance in high Nobel Gas retention and low moisture vapor permeability. Furthermore, Thioplast G21 is used in low viscos sealants with good UV-resistance being used in construction applications.
Curing	Curing agent: Manganese (IV)-oxide (*): 7,5 – 9,4 g/100 g Thioplast G 21 (*) Pure curing agent: Manganese (IV)-oxide. The concentration of active/activated Manganese (IV)-oxide needs to be considered. Curing paste pbw MnO2, Grade Honeywell FA 100 Santicizer 278 100 Perkacit DPG 6 Airex 900 7.4 Properties of Thioplast G21 cured with 21 g curing paste/100 g Thioplast G21: Shore A-hardness min 38 Elongation @ break % min 75
Packaging	Thioplast G21 is available in 200 Liter drums, 1000 Liter IBC and 20m³ ISO Bulk.
Storage	Store the container in cool and dry area, keep it closed when not in use. Shelf life under appropriate storage conditions min 3 years.
Handling	Full information on the safe handling is available in the Material Safety Data Sheet (MSDS). Further details are available upon request.

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