

Product Range Thioplast®G

Thioplast Type:	Unit	G112	G131	G1	G12	G21	G22	G4	G44
n	-	23 - 25	30 - 38	19 - 21	23 - 26	12 - 15	14 - 18	< 7	< 7
Av. Molecular weight	g/mol	3900-4300	5000-6500	3300-3700	3900-4400	2100-2600	2400-3100	< 1100	< 1100
SH-content	%	1.5 - 1.7	1.0 - 1.3	1.8 - 2.0	1.5 - 1.7	2.5 - 3.1	2.1 - 2.7	> 5.9	> 5.9
Cross-linking agent	mol-%	0,5	0,5	2	0,2	2	0,5	2	0,5
Colour	% TM	min. 30	min. 30	min. 30	min. 30	min. 45	min. 45	min. 50	min. 50
Viscosity	Pa*s	38 - 50	80 - 145	41 - 52	38 - 50	10 - 20	10 - 20	max. 1.3	max. 1.3
Specific weight	g/cm ³	1.285	1.310	1.286	1.285	1.285	1.285	1.259	1.257
Volatile ingredient	%	max. 0.3	max. 0.3	max. 0.3	max. 0.3	max. 0.5	max. 0.5	max. 1.3	max. 1.3
Sulfur content	%					37 - 38			
Water content	%					max. 0.3			
Free sulfur	%					max. 0.1			
Glass point	°C					ca. -60			
Flash point	°C					>230			
Specific heat	kJ/kg*K					1.26			
Head of combustion	kJ/kg					24.075			
Storage stability	%	min. 3 year in closed original packaging at a temperture < 30 °C							