Competence creates Confidence.

Model no. H3006

UNIT FOR DETERMINATION OF THE DEGREE OF CROSSLINKING

ISO 10147
DIN 16892
ASTM D 2765 Method B

ISO 10147 stipulates that test samples made from crosslinked polyethylene (PE-X) must be stored in a specified, boiling solvent for a specific period of time.

After that the weight of insoluble material is measured. The percentage of insoluble material must be recorded to express the degree of crosslinking. For this procedure, IPT recommends a laboratory assembly consisting of a round glass flask with a heating jacket, a Dimroth cooler, a ring stand with suitable clamps and test holders with lids for the sample. To complete the assembly, you will also require a heating cabinet (see H3014) and an analytical balance. (H3000)

Edition 03/2026

Standard features

- Round glass flask with heating jacket
- 1 Dimroth cooler and 1 ring stand with suitable clamps
- Test container with lid
- Detailed, illustrated documentation ensures safe handling of solvents and samples
- Complete test unit for testing in accordance with ISO 10147
- CE conformity

Options

- Hot-air-oven for drying the samples
- Lathe for producing swarf
- Analytical balance

Version **UNIT FOR DETERMINATION OF THE DEGREE OF CROSSLINKING**		H3006-0004	H3006-0006	H3006-0007
Heating jacket	°C		200	
			√	√
		√		√
Permissible ambient temperature	°C		+5 to +30	
Permissible relative humidity	%		Non-condensing	
Voltage data			230 V 50 Hz Special voltage