

- 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 and that the percent by weight of insoluble material is then 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), an analytical balance (see H3000) and a lathe.

Standard features

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

Options

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

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	

