

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 | ● 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		

