

Model no. H3006

UNIT FOR DETERMINATION OF THE DEGREE OF CROSSLINKING



According to

ISO 10147

DIN 16892

ASTM D 2765
Methode B

ISO 10147 requires test samples made from crosslinked polyethylene (PE-X) to 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.

SIMPLE AND SAFE OPERATION

> Detailed, illustrated documentation ensures safe handling of solvents and samples

RELIABLE TEST RESULTS

> Complete test unit for testing in accordance with ISO 10147

LASTING EFFICIENCY

> High-quality unit components guarantee high reliability, a long service life and low maintenance costs

VERSION UNIT FOR DETERMINATION OF THE DEGREE OF CROSSLINKING		H3006-0003	H3006-0004	H3006-0006	H3006-0007
Heating jacket	°C		200		
Hot air oven for drying the samples		-	-	✓	✓
Lathe for producing swarf		-	✓	-	✓
CE conformity		✓			
Permissible ambient temperature	°C	+5 to +30			
Permissible relative humidity	%	max. 70 non-condensing			
Voltage data		230 V, 50 Hz * other voltages			
✓ included		+ available/optional		O eligible	
		- not available		* available upon request	

