

RDC-172 Toluene Insoluble

The toluene insoluble fraction (also called “sum of resins $\alpha + \beta$ ”) of binder pitches can be measured with the RDC-172 apparatus. This involves boiling a measured amount of binder sample in toluene under reflux for a given time. The solution is then filtered and the filter cake dried, weighed and expressed as a percentage of the initial material. The apparatus consists of a reflux unit for boiling the pitch and toluene reagents and a filtration unit for extracting the insoluble.



*Photos and illustrations are not contractual.

Standards	Compatible	ISO 6376
Specifications	Measurement	Toluene Insoluble [%]
	Function	Toluene
	Sample	Pitch < 0.25mm
	Sample / test	1
	Process time	~ 3 hours
Configuration	Set up	Workbench
	Dimensions	50 x 30 x 100 cm (LxWxH)
	Weight	8 kg
Facilities	Electrical connection	230V 1/N/PE, 50/60Hz
	Power	0.15 kW
	Ventilation	Fume hood