

TYPICAL REACTION CHARACTERISTICS OF TRIPOR SYSTEMS

Tripor number	Cream time (Secs)	String time (Secs)	Rise time (Secs)	Free rise density (kg/m³)
203	60 - 70	220 - 270	330 - 400	105 - 110
204	20 - 30	90 - 105	135 - 155	105 - 115
207	100 - 120	160 - 170	285 - 320	120 - 130
216	60 - 70	270 - 320	400 - 470	75 - 80
217	20 - 30	110 - 150	170 - 220	75 - 80
218	15 - 20	75 - 85	115 - 130	60 - 65
224	75 - 85	165 - 180	340 - 380	170 - 185
227	25 - 35	150 - 170	180 - 230	47 - 50
229	15 - 20	95 - 115	160 - 200	47 - 50

The figures given above are typical for a Quality Control procedure for the checking of cream, string and rise times and measurement of the free rise density. The test is conducted at a temperature of 20°C using relevant weights of Component A and Component B mixed together at the correct ratio in a cup of approximately 600 ml. volume, stirred intensively for 10 seconds using a high speed stirrer. Immediately after mixing the chemicals are transferred to a second 600 ml cup.

Cream time is the time from start of mixing to the start of rise.

String time is the time from start of mixing to the point at which a thread can be drawn from the rising foam.

Rise time is the time from start of mixing to the point at which no further movement can be seen.

The density is measured by cutting the foam off level with the top of the cup after a suitable time, then dividing the weight of the foam in the cup by the known volume of the cup.