CANCO FASTENERS
Trusted Name in Quality Fixing System

Dated: 28-01-2025

# METALLURGICAL TEST REPORT (Induction Route)

ITEM: CHEMICAL CAPSULE
SIZE: M8, M10, M12, M16, M20, M24, M30
MATERIAL: VINYLESTER / POLYESTER RESIN
FINISH: YELLOW COLOUR GLASS CAPSULE

| DESCRIPITION OF PARTS | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| PROCESS ROUTE | | | | | | | | | | |
| % CHEMICAL COMPOSITION | | | | | | | | | | |
| **Elements** | **C (%)** | **Mn (%)** | **Si (%) Max** | **P (%) Max** | **S (%)** | **Cr (%) Min** | **Mo (%)** | **V (%)** | **Al (%)** | **Others Max** |
| Minimum | - | - | - | - | - | 0.10% | - | - | 0.01% | 0.10% |
| Maximum | 0.20% | 0.50% | 0.30% | 0.05% | 0.06% | 0.66% | - | - | 0.05% | 0.20% |
| Achieved | 0.15% | 0.42% | 0.22% | 0.03% | 0.04% | 0.48% | - | - | 0.02% | 0.08% |

| BASIC PERFORMANCE DATE | | |
|---|---|---|
| **SIZE** | | **M8 – M30** |
| **GEL TIME** | | |
| Gel Time @ +20 °C | [min] | Approx. 10 |
| Gel Time @ +10 °C | [min] | Approx. 15 |
| Gel Time @ 0 °C | [min] | Approx. 30 |
| Gel Time @ –5 °C | [min] | Approx. 300 |
| **FULL CURE TIME** | | |
| Full Cure @ +20 °C | [min] | 20 |
| Full Cure @ +10 °C | [min] | 30 |
| Full Cure @ 0 °C | [hr] | 1 |
| Full Cure @ –5 °C | [hr] | 5 |
| **TEMPERATURE RANGE** | | |
| Installation Temperature | [°C] | –5 to +40 |
| Service Temperature | [°C] | –40 to +80 |

Thanks & Regards

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