

PLATINUM.

A globally trusted PVC & CPVC additives manufacturer



CALCIUM ORGANIC STABILIZER

For OPVC Pipes

Platinum Industries offers non-toxic, high-performance solutions for a wide range of PVC applications. Our stabilizers provide excellent heat stability, color retention, mechanical strength, and compliance with global safety standards. Ideal for OPVC pipe products, they ensure durability while supporting sustainable manufacturing. Backed by innovation and quality, Platinum's Calcium Organic Stabilizers are trusted across India and the world.

The Platinum Research & Development team has developed innovative products specifically for OPVC pipes in our **HIGHSTAB OP47XOP series**.

Key Features



Excellent Thermal Stability



Superlative Mechanical Properties



Environment friendly & health safety



Superior Weatherability & UV Resistance



Cost Effective



Wider processing window

Applications

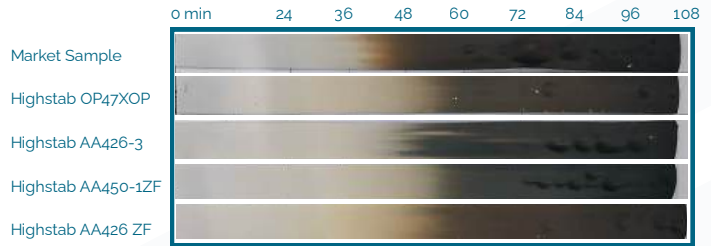


OPVC PIPES

Guideline Formulation - Pipes BIS 16647

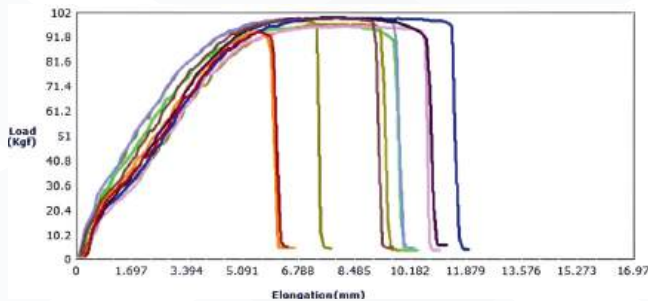
Property	Value (Range)
PVC	100
CaCo3	4-5
TiO2	0.6
PE wax	0.5
Highstab OP47XOP	2.6-3.2

Stability Test

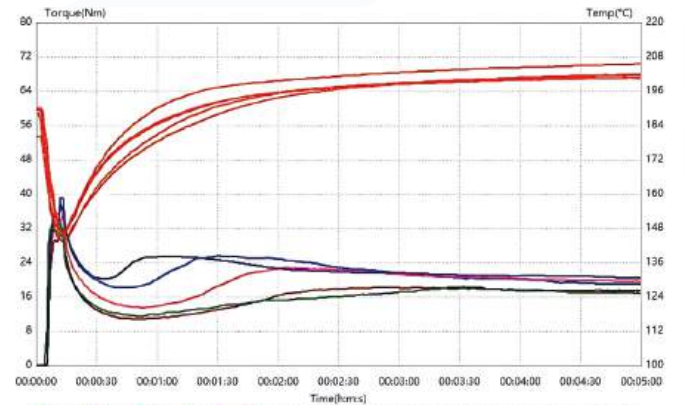


Oven Thermal Stability Test as per our SOP measure the relative heat stability of different formulations or batches and to predict the service performance or processing windows of materials by colour change in specimen. Colour retention time of 400 series Platinum stabilizer is up to 60 min as compared to market sample is 36 min

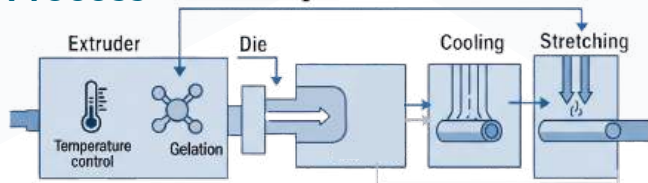
Tensile Strength Curve



Rheology Test



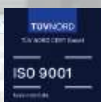
OPVC Batch Manufacturing Process



Sample	Mass	T1	T2	T3	Tm	Speed
1.2021-213-199 (Market Sample)	68.0 g	190.0 °C	190.3 °C	191.2 °C	180.1 °C	60.0 rpm
2.2021-213-200 (HS AA 426 ZF, B.No. 5693-03-25)	68.0 g	190.1 °C	190.0 °C	190.2 °C	189.8 °C	59.9 rpm
3.2021-213-201 (HS AA 426-3 ZF, B.No. 5993-03-25)	68.0 g	189.8 °C	189.5 °C	189.9 °C	190.1 °C	59.9 rpm
4.2021-213-202 (HS AA 450-1ZF, B.No.6217-3-25)	68.0 g	190.0 °C	189.1 °C	190.2 °C	189.3 °C	59.9 rpm
5.2021-213-203 (HS AA426 ZF, B.No. 5-127-11-24)	68.0 g	190.0 °C	188.0 °C	189.6 °C	188.3 °C	59.9 rpm

Loading Peak A	Minimum B	Maximum X	End E	Fusion Time(A-X)	Gelation Speed v
1. 39.2 Nm	18.1 Nm	25.6 Nm	19.1 Nm	00:01:18	13.1 Nm/min
2. 35.6 Nm	13.5 Nm	22.7 Nm	19.6 Nm	00:01:55	13.4 Nm/min
3. 31.5 Nm	10.9 Nm	18.3 Nm	17.4 Nm	00:03:18	5.7 Nm/min
4. 37.8 Nm	20.1 Nm	25.5 Nm	20.5 Nm	00:00:52	13.7 Nm/min
5. 33.3 Nm	11.4 Nm	18.0 Nm	16.9 Nm	00:03:17	3.6 Nm/min

Scan for more products



PLATINUM INDUSTRIES LTD.

MUMBAI | PALGHAR | CAIRO (EGYPT)

Enquire here



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