

PVC Heat Stabilizers



PATCHAM (FZC)

Company Profile

Patcham (FZC) is a Sharjah, UAE based manufacturer of the **Patstab** range of PVC heat stabilisers & **Pat-Add** range of additives for PVC processing.

We produce a range of liquid mixed metal complexes, organo tins and Ca/Zn one pack solid stabilisers. The additives include wetting & dispersing agents, air release agents and viscosity depressants.

An ISO 9001:2008 company, our products are sold all over the Middle East, Africa and the Far East.

The products are developed at our in house R&D centre, backed by a fully equipped PVC application laboratory. This has the latest testing equipment to measure performance parameters such as heat stability, Congo Red, electrical properties and others. The laboratory is also equipped with lab scale single screw and twin screw extruders to develop robust formulations for our customers.

Organo Tin and Antimony mercaptide					
Application	Methyl tin mercaptide				Antimony mercaptide
	2501	2503	2505	2507	1001
Calendering - Rigid / Flexible	•	•	•	•	
T- Die extrusion	•	•	•	•	
Blown film - Rigid/flexible	•	•	•	•	
Foam board	•	•	•	•	
Extrusion	•	•	•	•	•
Injection molding	•	•	•	•	•
Blow molding	•	•	•	•	

Mixed Metal Stabilizers																																						
Flexible application	Ca / Zn								Ba / Zn								Ba / Cd / Zn								Ba/Cd		Kickers											
	CZL 65	CZL 65F	CZL 18	CZL 36PTF	CZL 46	405	409	410	436	302	302 (TP)	306	308	310	311	318	324	336	342	201	202	205	206	207	208	210	212	105	106	Ba/Zn 321K	Ba/Zn 305	Ca/Zn 419K	K/Zn 701	K/Zn 702				
Flexible Calendering																																						
Semirigid Calendering																																						
Extrusion	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
Injection Moulding						•	•																															
Flexible Blown Film						•	•																															
Flooring Top Coat	•	•			•	•			•																													
Flooring Base Coat					•	•	•																															
Plastisol Application	•	•	•	•	•	•	•	•	•																													
Transparent application	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Low Emission	•	•	•	•	•	•	•	•																														
Low Odour	•	•	•	•	•	•	•																															
Low Phenol/Phenol free																																						
2-EHA, PTBBA free																																						
Self Lubrication																																						
Initial Colour/brightness	•	•	•	•	•	•	•		•	•	•	•	•																									
Long Term Stability																																						
Kicker Effect																																						
Food Contact																																						
Non Toxic	•	•	•	•	•	•	•	•																														

Ca/Zn One Pack Solid PVC Heat Stabilizers - PATSTAB																
Application	7003/A1	7031/A	7034/A	7044/A	7049/A	7051/A	7052/A	7058/A	7432/A	7433/A	7435/A	7531/A	7541/A	7631/A	7632/A	9003/A
	RoHS Compliant	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cable - Service temperature 70°C-90°C	•	•		•		•										
Cable - Service temperature 90°C-105°C			•				•									
Cable - Service temperature 105°C-125°C								•								•
Insulation/sheathing	•	•	•	•	•	•	•	•								•
Transparent flexible extrusion, blown/injection														•		
Flexible waterstops, electrical mats		•	•		•											
Semi rigid transparent/opaque calendering														•	•	
Rigid PVC Pipe - Plumbing											•	•				
Rigid PVC suction hose					•				•					•		
Rigid PVC conduit, channels and cable ducts										•						
Rigid PVC windows and door Profiles												•				
Rigid PVC injection molded fittings													•			

Ca/Zn Solid One Pack For Cable

- Meet the requirement of several standards in Congo Red, Volume Resistance (VR), Tensile Strength & Elongation.
- Compounds meet the requirements of the following standards for 70° C - 90° C/158° F - 194° F cable application
 1. BS EN 50363-3:2005 Type TI-1
 2. BS 7655-4.2:2000-PVC Sheathing compounds Type 5, Type 6, Type 9
 3. BS EN 50363-3:2005
 4. IS:5831 - Type A & Type B
 5. IS:5831 - ST1 ST2& ST3
- Compounds meet the requirements of the following standards for 105° C - 125° C cable application
 1. BS EN 50363-3:2005 Type TI-3
 2. IS:5831 - Type C



PATCHAM

www.patchamltd.com

PATCHAM (FZC)

P.O. Box: 7753,
Saif Zone, Sharjah, UAE
Tel: +971-6-5570035
Fax: +971-6-5570038
Email: patcham@emirates.net.ae

PATCHAM INDIA

B-52, Pravasi Industrial Estate
Vishweshwar Nagar, Off Aarey Road
Goregoan (E), Mumbai - 400 063 (India)
Tel: +91-22-29272471

PATCHAM EUROPE BV

Oranjestraat 10
7451 CC Holten
Netherlands
Email: eu@patchamltd.com

PATCHAM USA LLC

10 Commerce Road
Fairfield, New Jersey – 07004
Tel: (201) 293-4282
Fax: (201) 820-0818
Email: info@patchamusa.com