

Table 3.4.4 Q: List of Alternatives for Lead Heat Stabilizers

Manufacturer	Data Source	Model	Chemical (s)	Performance
Addenda	Datasheet	addiStab - TLF	Tetrabasic lead fumarate (CAS 13698-55-0)	Heat stabilizer used for PVC plenum cable jackets and flexible PVC wire insulation. Used with most sensitive plasticizers, and frequently used with dibasic lead phthalate.
Addenda	Data sheet	addiLube - DBLS	Dibasic lead stearate (CAS 12578-12-0)	Co-stabilizer and lubricant for wire insulation and jacketing. Commonly used in conjunction with lead based heat stabilizers. Typical use level is 0.5 to 1.0 PHR.
Addenda	Data sheet	addiStab-TLM	Tribasic lead maleate (CAS 12275-07-9)	Heat stabilizer for wire insulation and jacketing. Used where photosensitivity is not an issue. Frequently used in combination with dibasic lead phthalate.
Addenda	Datasheet	addiThal	Dibasic lead phthalate (CAS 69011-06-9)	Primary heat stabilizer for flexible PVC. Used for high temperature wire insulation and jacketing.
Addenda	Datasheet	addiBase	Tribasic lead sulfate (CAS 12202-17-4)	Primary heat stabilizer for flexible PVC. Used for low and high temperature wire insulation and jacketing.
Addenda	Datasheet	addiBase-Mono	Monobasic lead sulfate (CAS 12036-76-9)	Primary heat stabilizer for flexible PVC. Used for wire insulation and jacketing. Less reactive with plasticizers than tribasic lead sulfate.
Addenda	Datasheet	addiBase-Tetra	Tetrabasic lead sulfate (CAS 52732-72-6)	Primary heat stabilizer for flexible PVC. Used for low temperature wire insulation and jacketing. Used where photosensitivity is not an issue.
Associated Additives		Almstab	Dibasic lead phosphite	
Associated Additives		Almstab	Normal lead stearate (CAS 1072-35-1)	Secondary stabilizer and lubricant
Associated Additives		Almstab	Basic lead carbonate	Can be used as a PVC stabilizer where the processing temperature does not exceed 180 degrees C.