Stabine-X – Technical Data Sheet (TDS)

Product Description

Stabine-X is a high-performance PVC stabilizer system designed for rigid, semi-rigid, and flexible PVC applications. It offers optimized lubrication balance, strong thermal stability, excellent processing behavior, and long-term durability.

Technical Properties

Parameter: Type | Value: Advanced PVC Stabilizer System

Parameter: Appearance | Value: Free-flowing powder or flakes

Parameter: Thermal Stability | Value: High, suitable for demanding PVC processing

Parameter: Lubrication Balance | Value: Optimized for smooth flow and fusion

Parameter: Color Hold | Value: Superior early and long-term color retention

Parameter: Compatibility | Value: Excellent with fillers, pigments, and additives

Parameter: Moisture Content | Value: Less than 0.5 percent

Parameter: Heavy Metals | Value: Meets global regulatory standards

Parameter: Customizability | Value: Fully customizable formulation

Performance Benefits

High thermal stability for consistent production

Smooth extrusion due to balanced lubrication

Excellent initial and long-term color hold

Reduced plate-out and improved die cleanliness

Enhanced mechanical and impact strength

Better compatibility with fillers and modifiers

Custom formulation available based on requirements

Applications

PVC pipes and fittings

PVC cables and sheathing compounds

PVC profiles and channels

PVC films, flooring, and sheets

Rigid and flexible PVC compounds

Masterbatch and processing additive formulations

Packaging and Storage

Stabine-X is supplied in moisture-protected HDPE bags. Store in a cool, dry place away from humidity and contamination.

Safety Information

Stabine-X is non-hazardous under normal handling. Avoid inhaling dust and use proper protective equipment if necessary.