



PLEXSIL - K

Characteristics

PLEXSIL- K is a stabilizing component based on silicon co-polymer and active stabilizers for use in power insulation, silane XLPE compounds, carbon black masterbatch, and HFFR crosslink compounds. It can be used to reduce the moisture re-absorption for masterbatch. This will extend the shelf life of the said compounds.

Application and dosage

PLEXSIL- K is designed to enhance the heat and chemical stabilization requirement of silane crosslinked insulation or HFFR crosslink systems. Dosage rate is generally between 0.1 – 0.5%.

Technical Data

Properties

Physical form :	Slightly viscous liquid
Color :	Light to dark yellow
Odor :	Slight
Specific gravity :	0.98
Freezing temperature (°C) :	15
Boiling temperature (°C)	> 150

Storage and Handling

PLEXSIL- K is supplied in drums. Store product in a shaded area; away from sunshine and rain. Storage at under 10°C may lead to partial solidification. To re-liquefy, heat contents to 60°C.

Usage

As low as 0.05% of PLEXSIL K is mixed with dried silane XLPE compounds, carbon black masterbatch, and HFFR compounds in a simple tumble mixer so that PLEXSIL K is absorbed on the surface of the pellets to prevent water absorption into the pellets that will affect the processibility of the finished products. The use of too much PLEXSIL K may result in low production outputs due to slippage in the feed zone. Please check with your representative on the correct dosage for your application.

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Do you have the safety data sheet for this product? Please contact your service representative for one or E-mail us at: plexchem@plexchem.com.sg



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