



PLEXSTAB® - 5261

Characteristics

PLEXSTAB® 5261 is a stabilizing component based on elastomer modified polyethylene and active stabilizers for use in power insulation application. It is in the form of free flowing powder to allow easier mixing in the compounding of silane crosslinked PE compound. It has increased stabilization with respect to metal deactivation in the presence of free copper ions.

Application

PLEXSTAB® 5261 is designed to fulfill the heat and chemical stabilization requirement of insulation with or without the presence of copper. It can be used in the silane crosslinking systems to meet IEC aging requirements. Dosage rate is generally between 3%. The typical properties of finished insulation compound made using **PLEXSTAB® 5261** will be as follows;

Properties	Test Method	Unit	Value
Tensile strength @ break	IEC 811	MPa	>16
Ultimate Elongation	IEC 811	%	>650
Change in Tensile strength @ break after aging**	IEC 811	%	>15
Change in Tensile strength @ break after aging**	IEC 811	%	>15
Hot set requirements	IEC 811	%	>80

** : Aging @ 135 °C for 7 days

Technical Data

Properties	Component	(%)
Physical form :	Powder	
Color :	Brownish/ yellow	
Moisture :		< 200 ppm

Storage and Handling

PLEXSTAB® 5261 is supplied in powder form, packed in 25 kgs bags with a sealed inner liner. Unopened bags can be stored for 3 year. Store bags in shaded area away from sunshine and rain.

This product can be readily conveyed and fed through conventional equipment for the production of Silane Crosslinked polyethylene.

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



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