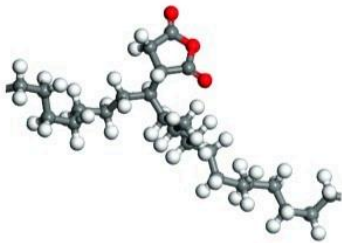


Improving the Impact Resistance.

Also helps to long-term dependability, durability, and regulatory compliance



More info:-



Improve your PE pipe properties with our MAH-g-PE grafted additives. (For more info: vikil@polynomous.com; +919211523875)



Vikil Maheshwari

International Sales & Marketing
Manager | Marketing Specialist |...

October 24, 2024

The benefits of Maleic Anhydride Grafted Polyethylene (PE-g-MAH) for enhancing the impact resistance and overall durability of polyethylene (PE) pipes. The use of PE-g-MAH seems to provide several key advantages, particularly for industries where high-performance PE pipes are essential, such as:

1. **Improved Energy Absorption:** By incorporating PE-g-MAH, PE pipes can better absorb energy during impacts, reducing the likelihood of cracking or breaking.
2. **Enhanced Fracture Resistance:** The material's toughening properties improve the ability of PE pipes to resist fractures, making them more reliable in harsh environments.
3. **Stress Relaxation:** PE-g-MAH helps reduce the internal stresses within the pipe material over time, extending the pipe's service life.
4. **Toughening Processes:** The modification enhances the mechanical properties of the PE, allowing it to withstand higher stresses without failure.

5. Regulatory Compliance and Durability: The improved toughness, impact resistance, and long-term stability ensure compliance with industry standards, making it a reliable choice for water, gas, and sewage systems.

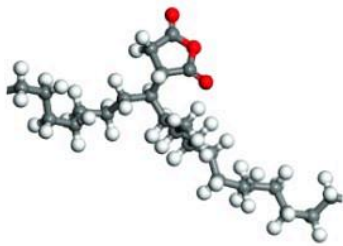
By using PE-g-MAH, industries can enhance the performance and longevity of PE pipes, providing added safety and durability, which is critical for infrastructure applications like water distribution, gas transportation, and sewage systems.



PE-g-MAH

Improving the Impact Resistance.

Also helps to long-term dependability, durability, and regulatory compliance



More info:-

- Improves Energy absorption
- Fracture resistance
- Stress relaxation
- Toughening processes
- Overall service life.



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You can contact us by PHONE or EMAIL or SKYPE or KAKAO at any time as per your conveniences...!

Thanks & Regards

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spm=a2700.supplier_search.0.0.21ba24a7XLiLDL](http://www.polynomous.trustpass.alibaba.com/company_profile.html?spm=a2700.supplier_search.0.0.21ba24a7XLiLDL)

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Deals in: -

1. Grafted Polymers (GMA & MAH)

(Glycidyl Methacrylate | Maleic Anhydride)

2. Flame Retardant Additives (Halogenated and Halogen Free FR)

3. Coupling agent for Wire & Cable (HFFR | ZFFR | LSOH)

4. Engineering Polymer Compounds (PBT, PC, Nylon/PA6-66, HIPS, PP, ABS etc)

5. Masterbatch for (PC DIFFUSER)

6. PVC and CPVC Additives

7. Indonox-101 DHBP \approx Trigonox 101 / Luperox -101

{2,5-Dimethyl-2,5-di(tert-butylperoxy) hexane}

Three forms available: --

Liquid | Powder | Paste

#PP, #PE, #PC, #PBT, #Nylon #PA, #ABS, #Xlpe, #pcABS, #PCPBT, #NylonPP, #HDLD #alloy
#polyethylene #polypropylene #polycarbonate #couplingagent #modified #Compatibilizer
#Modifiers #Elongation #TensileStrength #MFI #Meltstrength #improve #additives
#manufacturer #supplier #exporter #polyamide #chemical #Naturalrubber
#Polyisoprenenerubber #Polybutadienerubber #Polychloroprenenerubber
#Styrenebutadienerubber #NBR #Acrylonitrilebutadienerubber #HNBR
#Hydrogenatedacrylonitrilebutadienerubber #Siliconerubber #Polyurethanagerubber
#Ethylenepropylencopolymer #EPDM #Ethylenepropyleneterpolymer #POE
#Polyolefinelastomer #Polysulphiterubber #PE #Polyethylene #ChlorinatedPolyethylene
#CSM #Chlorosulphonylpolyethylenenerubber #EVA #Ethylenevinylacetatecopolymer
#Ethylenebutylacrylatecopolymer #FKM #Fluororubber #silicone #siliconerubber #silicones
#rubber #rubberindustry #rubberproducts #rubberflooring #rubbersheet #crosslinking
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