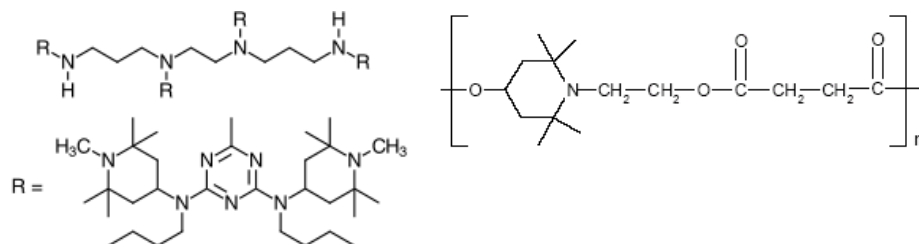


PUREsorb 111

High Molecular Weight Light Stabilizer

Description PUREsorb 111 is a synergistic mixture of methylated high molecular weight light stabilizer PUREsorb 119 and oligomeric PUREsorb 622.

Chemical Structure



Chemical name PUREsorb 119 N,N',N'',N'''-tetrakis(4,6-bis(butyl-(N-methyl-2,2,6,6-tetramethylpiperidin-4yl) amino) triazin-2-yl)-4,7-diazadecane-1,10-diamine
PUREsorb 622 Butanedioic acid, polymer with 4-hydroxy-2,2,6,6-tetramethyl-1-piperidineethanol

CAS number PUREsorb 119 [106990-43-6] PUREsorb 622 [65447-77-0]

Features & benefits PUREsorb 111 acts as an excellent UV stabilizer with outstanding extraction resistance, low gas fading and low pigment interaction.

Applications PUREsorb 111 is very well suited for PP fibers and applications with moderate chemical exposures such as in some agricultural applications. Other applications include polyolefins (PP, PE), olefin copolymers such as EVA as well as blend of polypropylene with elastomers.
PUREsorb 111 may be use in range between 0.05 – 1.5%, depending on substrate and performance requirements of the final application.

Handling & Safety In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Avoid continuous or repetitive breathing of dust. Use only with adequate ventilation. Avoid dust formation and ignition sources. For more detailed information please refer to the material safety data sheet.

Storage PUREsorb 111 has to be stored in tightly sealed original container in a cool and well-ventilated area, away from direct sunlight.

TECHNICAL DATA SHEET

Polygel Product Management

Email: info@polygelbrunei.com



Physical Properties:

Product forms	White to ight yellow powder
Melting range	115 - 150°C
Flash point	>275°C
Density (25 °C)	1.05 g/cm ³

IMPORTANT: The following supersedes Buyer's documents. SELLER MAKES NO REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, INCLUDING OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. No statements herein are to be construed as inducements to infringe any relevant patent. Under no circumstances shall seller be liable for incidental, consequential or indirect damages for alleged negligence, breach of warranty, strict liability, tort or contract arising in connection with the product(s). Buyer's sole remedy and Seller's sole liability for any claims shall be Buyer's purchase price. Data and results are based on controlled or lab work and must be confirmed by Buyer by testing for the intended conditions of use. The product(s) has (have) not been tested for, and is (are) therefore not recommended for uses for which prolonged contact with mucous membranes, abraded skin or blood is intended, or for uses for which implantation within the human body is intended.

November 2020