

Lithene *ultra* P4-150P is a highly viscous, low molecular weight, liquid polybutadiene with microstructure containing 1,2 vinyl groups. It is very low in both odour and volatiles and can be used in chlorinated rubber feedstocks or automotive sealants.

For further information regarding this product please refer to:

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## TYPICAL APPLICATIONS

Feedstock for chlorinated rubber

Automotive sound damping sealants & adhesives

Lithene *ultra* P4-150P is despatched from our UK production plant.

Property	Typical Value	Unit	Method <sup>1</sup>
Vinyl 1,2	17.0 - 20.0	%	LTM 03
Viscosity, @ 25°C	120 - 180	dPa.s	LTM 01
Non volatile content	>99.8	%	LTM 51
Colour	200 max	Hazen	LTM 04
Typical molecular weight Mn	3200	Da	
Molecular weight distribution	Broad		
Appearance	Colourless to pale yellow liquid		

<sup>1</sup> Internal method based upon the specified norm

## Application Advice

Handling - Lithene *ultra* P4-150P is a viscous liquid polymer. The viscosity of the product will decrease rapidly with heating and the product may be warmed to allow easier processing.

Compatibility - Liquid polybutadienes are generally compatible with most aliphatic and aromatic hydrocarbon solvents. They have limited solubility in alcohols, ketones and esters. Further details are available on request.

Lithene *ultra* P4-150P can be used in chlorinated rubber feedstocks and in other applications requiring a high degree of hydrophobicity. Thin films of the product can be dried oxidatively at 160 - 200°C, or metallic driers may be used to accelerate ambient cure.

Lithene *ultra* P4-150P is extremely low in odour and volatiles and can be used as the binder in formulation of sulphur cured direct to oily metal automotive sealants and adhesives.

Further application and formulation advice is available on request.

## Shipping and Storage

Lithene *ultra* P4-150P should be stored in cool, dry conditions below +30 °C (+86°F). If stored in the original sealed packaging the product has a shelf life of at least 12 months from date of delivery. Product which has been stored for longer than 12 months should be tested before use. Containers which have been opened should be purged with dry nitrogen before resealing to protect the remaining product from oxidative skinning. Further information is available on the datasheet Storage of Lithene Liquid Polybutadienes. Lithene *ultra* P4-150P is packed in bung top 200 litre steel drums containing 175kg. The minimum order quantity is one pallet (four drums). Bulk deliveries are also available

## **Product Safety**

Before handling, please read the Safety Data Sheet of this product for advice on safety, use and disposal.