



230 02 09

Eigenmann & Veronelli S.p.A.

POLYPLASTOL 19

Polyplastol 19 is a processing aid for extrusion of synthetic and natural rubber

Chemical composition Balanced mixture of selected fatty acids

Properties		Test method
Appearance	Light coloured pastilles	
Specific gravity	0.90 g/ml approx.	
Bulk density	0.45 g/ml approx.	
Melting point	47-53 °C	MG 11.01
Shelf life	2 years	
Packaging	25 kg paper bags	

Typical applications

Polyplastol 19 has been designed and formulated for extrusion of compounds based on NBR, SBR and NR but it performs well with any other polymer.

Polyplastol 19 is an internal lubricant that provides with maximum polymer chain order before cross-linking and improves the compound's flow in the die-plate and in the injection chamber when injection or transfer moulding.

How to use it

Polyplastol 19 can be used in internal mixers as well as in open mills; it can be added during polymer loading process to achieve better filler dispersion and excellent compound processability. Recommended dosage is 2-3 phr.

Variations may be necessary depending on the polymers and on the fillers used.

Polyplastol 19 is used:

- to reduce compound viscosity
- to achieve higher extrusion rate and better productivity
- to avoid die-plate head fouling
- to obtain compact and smooth surface in the finished goods
- to improve calender and die-plate productivity.

Page 1 of 1

The information and recommendations in this bulletin are to the best of our knowledge accurate. However we accept no responsibility for results obtained, by the application of the information and recommendations contained herein for the use of our products, alone or in combination with other products. Users should make preliminary tests to determine the applicability of such information and the suitability of our products to their own particular requirements, assuming all responsibility and liability for the use of our products, alone or in combination with other products. We also accept no responsibility for the infringements of any patent arising out of the use of our products.

Offices: Via della Mosa, 6; 20017 Rho (Mi) - Phone +39.0293539.1 - Fax +39.0293539.320