



REDEX M

PROCESS AID

■ Description

REDEX M is a product that acts as a process aid in rubber and plastics manufacturing. The characteristics of REDEX M enhance the blends by acting on several fronts:

- Increasing the plasticity of the blend.
- Reducing the viscosity of the blend.
- Increasing the extrusion speed (outflow speed).
- Improving the end finish of the parts, providing a smoother and shinier finish
- Improving the dispersion of additives and masterbatches.

■ Description

REDEX M improves the flow properties of blends by reducing friction between the polymer chains (internal lubrication) and friction with the metal parts (external lubrication). It also prevents heat loss, providing greater extrusion efficiency.

As a result of the quality of its components, REDEX M is specifically recommended for the manufacture of polyethylene parts, fruit boxes and packaging for food and water, given that it complies with the strictest food regulations.

In the processing of natural or synthetic elastomers, REDEX M improves the dispersion of additives and fillers and reduces the viscosity of the blend without altering its end properties.

REDEX M is ideal for injection, extrusion and mixed injection/extrusion processes.

The recommended proportion is from 1 to 4 phr.

■ Technical characteristics

	UNITS	METHOD	VALUE
Melting point	°C	ASTM-D-127	78
Ashes at 850°C	% Weight	ASTM-D-482	0.1 max
Oil content	% Weight	ASTM-D-721	2,0 max
Viscosity at 100°C	cSt	ASTM-D-445	15

■ Presentation

Pellets in 25 kg. paper bags.

■ Status under food legislation

- FDA CFR 21: 172.886 (ap.B)
- European Farmacopeia 2002, Monografic 1034 "Macrocrystalline Paraffines"

Unless indicated otherwise, the values provided in the technical characteristics should be interpreted as typical.