



ELTEX® P HEY500-NP

Product Technical Information

Polypropylene/LDPE compound for Extrusion Coating

Benefits & Features

ELTEX® P HEY500-NP is specially developed for extrusion and co-extrusion coating applications in which high speeds with various substrates are involved. **ELTEX® P HEY500-NP** is a modified, non-phthalate polypropylene with excellent processing properties.

Materials such as paper and board, coated with **ELTEX® P HEY500-NP** have high grease and temperature resistance. They can be submerged in boiling water for a certain period of time without deterioration.

ELTEX® P HEY500-NP can be used in microwave oven applications.

Applications

ELTEX® P HEY500-NP is a very versatile general coating grade for:

- Coating and lamination of various papers
- Paperboards
- Plastic films and foils

ELTEX® P HEY500-NP.

Properties	Conditions	Test Methods	Values	Units
Rheological				
Melt Flow Rate	230°C/2.16Kg	ISO 1133-1	25	g/10min
Physical				
Density ISO 1872-1	23°C	ISO 1183-2	910	kg/m ³
Thermal				
Vicat Softening Temperature	10N	ISO306/A50	132	°C
Data should not be used for specification work				

Processing guidelines

ELTEX® P HEY500-NP can be processed on a normal LDPE designed line up to temperature to 310°C. Grade change from and to a typical LDPE extrusion coating grade is uncomplicated.

Storage

The product should be stored in a dry and dust free environment at temperature below 50°C. Exposure to direct sunlight should be avoided as this may lead to product deterioration.

It is advised to process the product within maximum one year after delivery.