



Product Technical Information

Polypropylene/LDPE compound for Extrusion Coating

Benefits & Features

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

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

Applications

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

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

We recommend that you consult your INEOS technical representative for further advice on the use of **ELTEX® P HEY500**.

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				



ELTEX[®] P HEY500

Processing guidelines

ELTEX[®] P HEY500 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.