

PRODUCT RANGE PE and PP Virgin



EKON GRADE	LDPE-P	PE300	HDPE-PG	PP-C	PP-H
Raw material	LDPE	HDPE	HDPE	PP-C	PP-H
Thickness	1 - 30 mm	0,8 - 12 mm	1 - 18 mm	0,5 - 10 mm	0,8 - 10 mm
Standard colours	Black Other colours on request.	Black Other colours on request.	Black Red Yellow Blue Other colours on request.	Black White Grey Other colours on request.	Grey RAL 7032 Other colours on request.
Delivery form	Sheets Rolls (< 4 mm)	Sheets Rolls (< 2 mm)	Sheets Rolls (< 2 mm)	Sheets Rolls (< 2 mm)	Sheets
Surface	Smooth	Smooth/matt	Smooth	Smooth	Smooth
Option upper side (up to max 10 mm)	Grain structure	Grain structure		Grain structure	Grain structure
APPLICATIONS					
Properties	Flexible grade with excellent impact strength	Sheet for many different construction applications. Suited for thermoforming and tankbuilding.	In special UV-stabilized grade especially suited playground equipment.	Grade with good impact and stiffness properties. Application e.g. as drain gutter, egg- and manure belt.	Grade with higher stiffness and better temperature resistance. Suited for constructions.
Working possibilities					
Sawing / drilling / routing	x	x	x	x	x
Bending / setting	x	x	x	x	x
Die-cutting	x	x	x	x	
Welding	x	x		x	x
Thermoforming	x	x			
DIMENSIONS SHEETS					
Standard dimensions	N.a.	3000 x 1500 mm 2000 x 1000 mm	3000 x 1500 mm	N.a.	3000 x 1500 mm 2000 x 1000 mm
	Other dimensions are available on request.				
Maximum width	2200 mm	2200 mm	1500 mm	2200 mm	2200 mm
Maximum length	6000 mm	6000 mm	6000 mm	6000 mm	6000 mm
DIMENSIONS ROLLS					
Width	Minimum width is 100 mm. Slitting to smaller rolls is possible.				
Diameter	Maximum width is 2350 mm, depending on thickness and raw material grade.				
Delivery form	Maximum diameter of the rolls is 1200 mm (Max length at 1 mm = 1000 metres).				
	Rolls are supplied on cardboard or plastic cores. Inside diameter is \varnothing 152 mm.				
OPTIONS					
Co-extrusion	It is possible to make multi-layer boards by coextrusion.				
Protection film (1 or 2 sides)	One or both sides can be provided with a layer of different plastic or colour.				
Additives	Sheets can be provided with a protection film, to prevent damage in the customers production process. The film is easy to remove.				
Speciale grades	On request all products can be provided with several additives like UV-stabilizer, anti-staticum, slipagent, chalk or talcum.				
	Besides the standard product range, Ekon offers tailor-made solutions for your specific application. E.g. specific polymers. Please see our product range for "Specials", or ask for our possibilities.				
V.16.02-Rev.03					