

DATASHEET EKOSHIELD-PE



EXECUTION			EKOSHIELD-PE
Standard Colours			Green Grey Black Other colours on request
Width			47 mm For chain link fencing 190 mm For fencing panels
Roll Length			50 metres per roll Other dimensions on request
Packing			200 Rolls (47 mm) 45 Rolls (190 mm) One-way pallets 1150x1150 mm
RAW MATERIAL			EKOSHIELD-PE
Raw Material			Polyethylene (PE) Weatherproof Lightfast UV-stabilised Maintenance free Environmentally friendly
MECHANICAL PROPERTIES (at 23°C)			EKOSHIELD-PE
E-modulus	DIN 53457	N/mm ²	500
Tensile strength	DIN 53455	N/mm ²	17
Elongation at break	DIN 53455	%	>50
Impact strength, Charpy unnotched	DIN 53453	kJ/m ²	No Break
Density	DIN 53479	kg/m ³	950
Softening temperature, vicat A/50 (10N)	DIN 53460	°C	115
Absorption of moisture	DIN 53495	%	< 0,03
Fire test	DIN 4102	-	B2
CHEMICAL AND PHYSICAL RESISTANCE			

The chemical and physical resistance of of PE is generally spoken very good.