

Data sheet **NatureForm Papyrus**

Our compound, **NatureForm Papyrus** is a bio-based film extrusion and thermoforming material. The unique formulation allows production on conventional film extrusion and thermoforming machines as used in the plastics industry. The formulation consists of cellulose and chalk, among other ingredients, and gives the end product all the properties necessary for its application. This makes **NatureForm Papyrus** a first-class competitor to conventional plastics.

Properties	Method	Unit	Value
MVR	ISO1133 (190°C/5 kg)	cm ³ /10min	6,4
Density	ISO 1183-1	g/cm ³	1,25
Tensile modulus	ISO 527	MPa	3900
Tensile strength	ISO 527	MPa	50
Impact strength	ISO 179/1-eA	kJ/m ²	3,7
HDT (B)	ISO 75	°C	55

Injection molding processing recommendations	
Predrying temperature	80°C
Predrying period	4 h
Maximum processing humidity	0,05%
Cylinder temperature	175 -190°C
Mold wall temperature	10 - 60°C