

TECHNICAL DATA SHEET SCANDITENE 1001

Revision date: 2022-02-21

IDENTIFICATION OF PRODUCT

Trade name: **Scanditene 1001**
Product numbers: **LDE292: LDE271**

COMPOSITION/INFORMATION ON INGREDIENTS

CAS-no	EG-no	Components	% (per kg)	Symbol	R-phrases
9002-88-4	-	Polyethene	98. - 100	-	-
-	-	Other unidentified polymers	0 - 1.5	-	-
-	-	Other unidentified contaminants	0 - 0.5	-	-

Note: These products are made from 100 % Post-Industrial waste

PHYSICAL AND CHEMICAL PROPERTIES

The data given below are average values and will vary from batch to batch

Physical state	Solid granules				
Color	Natural, clear to translucent				
Melt flow index	0,3-1,5 g/10min	2,16kg/190°	ISO 1133		
Density	0.91-0.925 g/cm ³	ISO 1183-1A			
Flexural modulus	250 N/mm ²	+23°C 1mm/min	ISO 527-2 type 1		
Flexural strength	10 N/mm ²	+23°C 10mm/min	ISO 527-2 type 1A		
Tensile strength	~14 N/mm ²	+23°C 1mm/min	ISO 527-2 type 1A		
Elongation at break	>300 %	+23°C 50mm/min	ISO 527-2 type 1A		
Elongation at yield	190 %	+23°C 50mm/min	ISO 527-2 type 1A		
Charpy notched	75 kJ/m ²	+23°C / 1eA	ISO 179-1		
E-modulus	~240 N/mm ²	+23°C 1mm/min	ISO 524-2 type 1A		
Ash content	0,13 %	600°C	ISO 3451-1A		

This Technical Data Sheet supersedes all earlier product and information sheets. Revision 1.4

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