

## TECHNICAL DATA SHEET SCANDITENE 1004

Revision date: 2022-02-21

### IDENTIFICATION OF PRODUCT

Trade name: **Scanditene 1004**  
 Product numbers: **LDE295**

### COMPOSITION/INFORMATION ON INGREDIENTS

CAS-no	EG-no	Components	% (per kg)	Symbol	R-phrases
9002-88-4	-	Polyethene	98,5. - 100	-	-
-	-	Other unidentified polymers	0 and - 1.5	-	-
-	-	Other unidentified contaminants	0 - 0.2	-	-

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

<b>Physical state</b>	Solid granules		
<b>Color</b>	Natural, clear to translucent		
<b>Melt flow index</b>	3-7 g/10min	2,16kg/190°	ISO 1133
<b>Density</b>	0.91-0.925 g/cm <sup>3</sup>		ISO 1183-1A
<b>Flexural modulus</b>	~255 N/mm <sup>2</sup>	+23°C 10mm/min	ISO 527-2 type 1A
<b>Flexural strength</b>	~10,5 N/mm <sup>2</sup>	+23°C 10mm/min	ISO 527-2 type 1A
<b>Tensile strength</b>	~10,5 N/mm <sup>2</sup>	+23°C 50mm/min	ISO 527-2 type 1A
<b>Elongation at break</b>	~143 %	+23°C 50mm/min	ISO 527-2 type 1A
<b>Elongation at yield</b>	~118 %	+23°C 50mm/min	ISO 527-2 type 1A
<b>E-modulus</b>	163 N/mm <sup>2</sup>	+23°C 10mm/min	ISO 527-2 type 1A
<b>Charpy notched</b>	66,6 kJ/m <sup>2</sup>	+23°C / 1eA	ISO 179-1
<b>Shore D</b>	45	+23°C	ISO 7619-1
<b>HDT</b>	A: <35°C	1,8 N/mm <sup>2</sup> at 120°C/h	ISO 75
	B: 43,5°C	0,45 N/mm <sup>2</sup> at 120°C/h	ISO 75
<b>Vicat</b>	A: 85,2°C	10 N at 50°C/h	ISO 306
	B: 85,8°C	10 N at 120°C/h	ISO 306

This Technical Data Sheet supersedes all earlier product and information sheets. Revision 1.0

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