



NAUE GmbH & Co. KG  
Windmuehlenweg 4  
47906 Kempen/Toenisberg, Germany

Phone: +49 2845 808-0 · Fax: +49 2845 808-116  
E-Mail: info@naue.com · Internet: www.naue.com

**Technical Data Sheet 2200**  
**Carbofol® Type HDPE 507 BAM**  
**MegaFriction / MegaFriction 2,5 mm**  
acc. to BAM-Approval Nr. 08/BAM IV.3/01/07

dated: 20.01.2010

Properties	Test method	Unit	BAM requirement	NAUE values
Surface	DIN 16726 section 5.1	-	Without any damages	
Straightness	DIN 16726 section 5.2	mm	≤ 30	≤ 30
Flatness	DIN 16726 section 5.2	mm	≤ 50	≤ 50
Thickness	EN 1849	mm	≥ 2,5	≥ 2,5
Density	DIN EN ISO 1183	g/cm <sup>3</sup>	0,939-0,949	0,940
Melt Flow Rate	DIN EN ISO 1133 190/5	g/10 min	2,60 ±0,4	2,51
Carbon black content	DIN EN ISO 11358	%	2,2 ±0,2	2,27
Dimensional stability	DIN 53377	%	≤ 1,5	≤ 1,5
Tensile strength at yield	DIN EN ISO 527-3	N/mm <sup>2</sup>	≥ 15	15,0
Elongation at yield	DIN EN ISO 527-3	N/mm <sup>2</sup>	≥ 10	≥ 10
Tensile strength at break	DIN EN ISO 527-3	%	-	21
Elongation at break	DIN EN ISO 527-3	%	≥ 400	550
Biaxial elongation	Based on: DIN 53861	%	≥ 15	≥ 16
Puncture resistance	EN ISO 12236	N	≥ 5.000	≥ 5.000
Falling height	DIN 16726 section 5.12	/	No leaks	No leaks
Cold bending temp. - 20°C	DIN EN 1876-1	/	No break	No break

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The listed technical values are guiding values, achieved in our laboratories and/or independent testing institutes. Our products are subject to change without prior notice.