

Technical Data Sheet 2109
Carbofol® PEHD 507
Karo-Noppe / Megakron 2,5 mm
 acc. to BAM-Approval Nr.08/BAM IV.3/11/98

dated: 28.01.2008

Properties	Test method	Unit	BAM requirement	NAUE values
Surface	DIN 16726 section 5.1	-	Without any damages	
Straightness	DIN 16726 section 5.2	mm	≤ 50	≤ 50
Flatness	DIN 16726 section 5.2	mm	≤ 50	≤ 50
Thickness	EN 1849	mm	≥ 2,5	2,67
Density	DIN EN ISO 1183	g/cm ³	0,939-0,945	0,941
Carbon black content	DIN EN ISO 11358	%	2,2 ±0,2	2,23
Dimensional stability	DIN 53377	%	≤ 1	-0,50
Tensile strength at yield	DIN EN ISO 527-3	N/mm ²	≥ 15	16,0
Elongation at yield	DIN EN ISO 527-3	%	≥ 10	12,9
Tensile strength at break	DIN EN ISO 527-3	N/mm ²	-	≥ 25
Elongation at break	DIN EN ISO 527-3	%	≥ 400	400
Biaxial elongation	Based on: DIN 53861	%	≥ 15	≥ 16
Tear resistance	ISO 34-1	N	≥ 360	≥ 400
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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