

Test report

Polymak Muhendislik Ic ve Dis Ticaret
Ahmet Comak
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CERTIFICATE AS PER DIN EN 10204 - 2.2 Test report

Dear Sirs,

We hereby certify that the material described herein has been carefully manufactured acc. to agreed material specifications.

your order no.: Mail 09.07.14

material: ORBILAN PE 8000 dark blue

dimensions: 3000x1000x8 mm, 3000x1000x20mm

	typical value	Unit	Test method
mass density	~ 0,93	g/cm³	ISO 1183
Average molecular weight	~ 9	10 ⁶ g/mol	-
Absorption of water	≤0,01	%	-
tensile stress at yield	~17	MPa	DIN EN ISO 527-2
tensile strain at break	≥ 350	%	DIN EN ISO 527-2
charpy impact strength	≥ 80	kJ/m²	DIN EN ISO 11542-2
wear resistance	80	-	Sand-Slurry
dynamic coefficient of friction	0,1 ... 0,2	-	-
hardness shore	D60...D65	-	DIN EN ISO 868
Permanent temperature	-200 ... +80	°C	-
Melting point	+135	°C	DIN EN ISO 3146
Modulus of elasticity in tension	790	MPa	ISO 527
Content of polyethylene		> 90%	
Content of additives + color pigments		< 15%	

This product information based on our present know-how and experience. We strongly recommend doing application tests, because of the different influence of processing. They are typical values, not to be construed as specification, so there are no legal rights depending on this table. Respect trade mark rights if necessary. Feel free to contact us for additional technical information.

Best regards,

i. A. Heike Even

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Geschäftsführer
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