

PRODUCT INFORMATION - SPECIFICATIONSHEET
OK 2000 - DryRun No. 912

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OKULEN® OK 2000 - DryRun 912 is a superior UHMW Polymer (9,2 mio. g/mol). This special material was designed for the packaging and machine industry. Excellent for use in dry run conveyor applications. The antistatic filler reduces static build up on fast moving equipment.

Properties: reduced coefficient of friction
 UV-stabilized
 antistatic reduced
 noise level reduction !
 for extremely low speed
 FDA / EU / BfR-approved

Color: black no. 912

Application fields: conveying industry
 packaging industry

Characteristics and standard values

Physical Properties	Method	Unit	Value
Density	ISO 1183-1	g/cm ³	0.93
Abrasion (Sand-Slurry-Test)	ISO/DIS 15527	%	75
Notched Impact Strength (Charpy)	ISO 11542-2	mJ/mm ²	> 100
Tensile strength	ISO 527	N/mm ²	> 17
Break elongation	ISO 527	%	> 50
Creep properties under varying compressive stress < 10 % in 7 days	max.	N/mm ²	10
Coefficient of friction	ASTM 1894	static μ	0.15
		dynamic μ	0.08
Shore-Hardness	ISO 868	D	62
Water absorption		%	< 0.1
Thermal Properties			
Melt point DSC	ISO 3146	°C	135 - 137
Permanente operation temperature, max.	---	°C	80
Coefficient of linear expansion	ISO 11359	23 – 80°C	$\approx 2.0 \times 10^{-4} / ^\circ\text{C}$
Electrical Properties			
Volume resistivity	IEC 60093	$\Omega \cdot \text{cm}$	$\leq 10^6$
Surface resistivity	IEC 60093	Ω	$\leq 10^9$

The above data are based on the present knowledge and are given without guarantee.
 Existing laws and conditions are to be respected by the user of our products.

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