

PRODUCT INFORMATION – SPECIFICATION DATA SHEET OKUSLIDE - Premium Red Heat 354

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OKUSLIDE – Premium Red Heat 354 is a special blend of UHMW-PE polymer (9,2 mio. g/mol) which has been designed for use in dump truck bodies. This UHMW-PE liner protects the dump truck body and enhances material flow. Using a special filler material it allows even asphalt to release quickly without sticking problems. OKUSLIDE – Premium Red Heat 354 is also great in high temperature applications, where the filler acts as a blocker and stops the oxidation which breaks up the UHMW material at higher temperatures. It has proven it self as a excellent liner in on road dump trucks.

Properties: excellent sliding properties
 low coefficient of friction
 good notched impact strength
 no sticking or caking of bulk materials
 UV-stabilized

Color: red no. 354

Application fields: truck liners, asphalt trucks

Characteristics and standard values

Physical Properties	Method	Unit	Value
Density	ISO 1183-A	g/cm ³	0.94
Abrasion (Sand-Slurry-Test)	internal method	%	75
Notched Impact Stength (Charpy)	ISO 11542-2	mJ/mm ²	> 100
Tensile strength	ISO 527	N/mm ²	> 17
Break elongation	ISO 527	%	> 50
Coefficient of friction	ASTM 1894	static μ	0.15
		dynamic μ	0.09
Shore-Hardness	ISO 868	D	65
Water absorption		%	< 0.1
Thermal Properties			
Coefficient of linear expansion	ISO 11359	23 – 80°C	$\approx 2.0 \times 10^{-4} / ^\circ\text{C}$
Operation temperature	---	°C	-40 bis 210°C

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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