

PE-UHMW PLASTICS

PRODUCT INFORMATION - SPECIFICATIONSHEET OK 2000 - RC yellow 10

Multilene® 2000 - RC yellow 10 is a UHMW Polymer with 7-9 mio. Mol.-weight. This material is corrosion resistant and has an excellent abrasion resistance. On the back side is an rubber compound.

Characteristics and standard values

	PROPERTIES	UNIT	PE 2000 - RC yellow 10
Technical Values: UHMW-PE			
	Abrasion index	%	80
	Impact strength (15° double V-notch)	mJ/mm ²	140
	Compressive stress	N/mm ²	10
	Density	g/cm ³	0,93
	Shore-D	D	62

Properties: UHMW-PE

very good wear resistance
good notched impact strength
good chemical resistance

Color:

yellow no. 10

	PROPERTIES	UNIT	RUBBER
Technical Values:			
	Tensile break	N/mm ²	1
	Nominal elongation at break	%	730
	Density	g/cm ³	1,16
	Shore-A	A	70

Properties: Rubber

good noise level reduction
good UV resistance

Color:

black

Properties: Rubber

Resistance against chlorine solution:	good	immersion test
Resistance against water:	excellent	immersion test
Resistance against sulphuric acid:	good	immersion test
Resistance against alcoholic solution:	excellent	immersion test
Resistance against soap solution:	fair	immersion test
Resistance against olive oil:	fair	immersion test

Properties: Rubber

Earth moving industry
Lining

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.

sheet and finished products