

PE with excellent sliding properties

ISO	PE-UHMW polyethylene, ultra high molecular weight
Shape	Sheet
Color	Black
Temperature Range	-150 and 80 °C
tbl_temp_melting	135 °C
Hardness	59 Shore D
Elongation at break	50 %
Tensile strength	18 N/mm2
Flame Resistance (UL 94)	HB

Material information

Measurement tolerance 2768-mK

Lower friction coefficient, sound dampening, no moisture absorption and ideal for very dusty areas.

UV	Wear resistance
Good	Excellent

Item Overview

Item Code	Item Name	Width (mm)	Length (mm)
66400040	PE-UHMW Tivar DrySlide zwart 4 mm		
66400060	PE-UHMW Tivar DrySlide 6 mm		
66400080	PE-UHMW Tivar DrySlide 8 mm		
66400100	PE-UHMW Tivar DrySlide 10 mm		
66400120	PE-UHMW Tivar DrySlide 12 mm		
66400200	PE-UHMW Tivar DrySlide 20 mm		
66400400	PE-UHMW Tivar DrySlide 40 mm		
66400500	PE-UHMW Tivar DrySlide 50 mm		

Water absorption

The extent to which the product absorbs water when tested for 24 hours in water at 23 degrees in accordance with ISO 63.

Immersion Saturation

0,100 % 0,100 %

Thermal properties

[tbl_thermal_explainer](#)

[tbl_thermische_geleiding](#) [tbl_lin_uitzet_2360](#) [tbl_lin_uitzet_23100](#) [tbl_temp_deflection_load](#)

0,400 W/(K.m) 0 x 10-6 m/(m.K) 200 x 10-6 m/(m.K) 42 °C



We provide product information as known by us with great care. We cannot accept any liability for errors and/or inaccuracies and/or incompleteness. Please note that our products are intended for professional use only. For high impact applications and/or combinations of limit values we always recommend to have the properties specific to that situation verified by us. If there are multiple specifications for a product we will use the standard of 2mm or the closest specification.

