

Tivar® DrySlide Anti-Static UHMW

Electro Static Dissipative (ESD) UHMW



Description and Overview

Tivar® DrySlide is modified UHMW with Electro Static Dissipative (ESD) anti-static self-lubricating properties and the lowest coefficient of friction of any Tivar® product. Unlike other external lubricants, Tivar® DrySlide's specialized lubricant formula won't leave smudges or marks on anything that slides over it.

As modified UHMW, Tivar® Dryslide is resistant to impacts, corrosion, and abrasion, and has been UV stabilized to protect against UV light. These qualities give it an improved overall wear life compared to similar materials. It also does not absorb moisture, making it suitable for both dusty environments and humid environments.

Applications and Uses

As an ESD anti-static plastic sheet with self-lubricating properties, Tivar® DrySlide is ideal as a chute or slide lining material. Tivar® DrySlide sheets have many diverse uses over a wide range of industries, including the railcar, cement, steel, power, chemical, and mineral industries.

- Chute/slide linings
- Conveyor belt linings
- Pugmill paddles
- Dust collection hopper liners
- Offroad truck beds
- Belt scrapers
- Wear strips
- Vibrating bin dischargers

Properties and Specifications

Physical Properties		Polystone® M	
Property	Units	ASTM Test	Anti-static
Density	gm/cm ³	D792	.93
Coefficient of friction 73° F on steel	Static Dynamic	—	.15 - .20 .10 - .20
Surface Resistivity	Ohms /cm	D257	10 ⁴ - 10 ⁸
*Relative volumetric abrasion loss	*	*	100
Tensile strength at yield 70° F	psi	D638	3100
Hardness 73° F	Shore	D785	D63 - 68
Coefficient of linear thermal expansion	1/K	D696	2.0 x 10 ⁻⁴

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WARNING: This product can expose you to chemicals, which are known to the State of California to cause cancer, birth defects, and/or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.



www.interstateplastics.com