



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



Tivar[®] DrySlide is available in full sheet sizes.
Sheet size: 48" x 120" (.25" to .5" thick)

Properties and Specifications

Physical Properties		Tivar [®] DrySlide	
Property	Units	ASTM Test	Value
Specific Gravity	gm/cm ³	D792	0.94
Coefficient of friction (dynamic)	Dynamic	QTM 55007	0.08
Tensile Strength	psi	D638	5,100
Tensile Modulus	ksi	D638	87
Flexural Strength	psi	D790	2,600
Flexural Modulus	ksi	D790	72
Melting temperature	°F	D3418	275
Hardness	D	D2240	64
Water absorption @24 hr.	%	D570	--

Properties are typical.
Chem is an abbreviation for chemically affixed with glues, chemicals, or adhesive.
Mech is an abbreviation for mechanically affixed bonding.
Field testing is recommended for any application.

