

Polystone 7000 SR

Polystone 7000SR is specifically formulated to suit applications where reduced static is required in handling of bulk materials and other high speed sliding applications including lining of storage systems and change parts for the beverage industry.

Key Benefits

- Impact Strength - it is virtually unbreakable
- Light weight - easy to handle without special equipment
- Weatherproof - it doesn't absorb water
- Chemical resistance - resists corrosive chemicals (Sulphuric Acid, Caustic Soda)
- Abrasion resistance - rated better than Carbon Steel for sliding abrasion applications
- Low coefficient of friction - it does not require lubrication

Applications

- Bulk storage flow promotion
- Bulk storage wear liners
- Grain industry



Physical Properties

Technical Data	Unit	Value
Specific Gravity:	g/cm ³	0.95
Max Continuous Operating Temp:	°C	90
Tensile Strength Yield:	Mpa	>20
Tensile Strength Break:	Mpa	>30
Hardness:	Rockwell M	63
Co-efficient of thermal expansion:	m/(m.k) x 10 ⁻⁶	-
Dielectric Strength:	KV/mm	-
Surface Resistivity:	Ohms	>11x10 ⁸
Food Grade:	FDA	
Relative Abrasion Loss by Sand Slurry:		90

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