

Polyethylene PE Polystone 7000SR

PE Product Description

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 Features and Benefits

- Impact Strength - it is virtually breakable
- 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

PE Plastics Applications

- Bulk Storage flow Promotion
- Bulk Storage Wear Liners
- Grain Industry
- Coal Handling

Delivery Program (Black)



PE Sheet

Thickness: 3 - 160 mm
 Sizes: 2000 x 1000 3000 x 1000
 3000 x 2000 6000 x 1000



PE Rod

Diameters: 50 - 200 mm



PE Physical Properties

Specific Gravity Units g/cm ³	0.95
Minimum/Maximum Service Temperature in Air Unit °C	- 200/90
Tensile Strength Yield Units MPa	>20
Tensile Strength Break Units MPa	>30
Impact Resistance DIN 53505 Notched Impact Strength Units MJ/mm ²	-
Hardness Units Shore D	63
Co-efficient of Thermal Expansion Units mm/(mmxK) x 10 ⁻⁶	200
Dielectric Strength Units KV/mm	-
Surface Resistivity Units Ohms	>1x10 ⁸
Relative Abrasion Loss by Sand Slurry Compared to Polystone 7000=90	90
FDA Approved	No

[For a full list of ratings click here](#)



PE Extruded Profile



Machined PE Parts