

Polystone® M Soft - our solution for sensitive conveyed materials!

NEW

Polystone® M Soft (UHMW-PE)

Röchling Engineering Plastics has developed the new surface-friendly material **Polystone® M Soft** for conveying sensitive materials.

Many industries including beverage, packaging, pharmaceutical and cosmetics utilize elaborate plastic containers and delicate glass bottles. Scratches and other types of surface damage can be a challenging problem when handling these products during the manufacturing processes. For instance, scratches on clear PET mineral water bottles can easily result from the materials they contact during the stages of filling, capping and packaging. That is precisely where **Polystone® M Soft** is put to use.

Polystone® M Soft has an optimized formulation for particularly gentle sliding properties and outstanding abrasion resistance. The friction between the product being conveyed and the material that it comes into contact with is kept to a minimum. This sophisticated engineering plastic ensures a rapid and smooth conveying process and at the same time gently handles the conveyed products.



Available as:
 Rod: ½" to 8" dia
 Sheet: 1/4" to 4" thick

Property	Units	Polystone® M Soft
Specific Gravity	g/cm ³	.930
Hardness Shore D	-	D59

Applications

- ⇒ timing screws
- ⇒ sprockets
- ⇒ various change parts
- ⇒ star-wheels
- ⇒ rollers
- ⇒ guides & profiles

Röchling Engineering Plastics offers the most comprehensive product line in the USA and Canada including:

- Polystone® M (UHMW-PE)
- Sustamid® Nylon
- Polystone® P (Polypropylene)
- Sustarin® Acetal
- Polystone® G (HDPE)
- Susta HPM's

The values indicated result from numerous measurements for an approximation of the values and are to our best knowledge. They serve as information about our products and are presented as a guide to choose from a range of materials. This however does not include an assurance of specific properties or the suitability for particular application purposes that are legally binding. Since the properties also depend on the dimension of the semi-finished products and the degree of crystallization (e.g. nucleating by pigments), the actual values of the properties of a particular product may differ from indicated values.

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