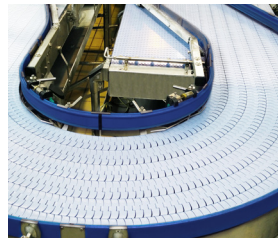


PE UltraPlus®

Improving your return on investment



Low Friction

Reduced maintenance and wear life

PE UltraPlus® is a bearing grade material which provides improved wear resistance when compared to PE 1000, with a near zero level of friction (COF).

Longer productive cycles between maintenance with shorter downtimes will help systems to run smoothly with less interruption and therefore improving return on investment.

Key properties

Return on investment

- Energy saving
- Noise reduction
- Replacement parts reduced
- Built-in dry lubricant
- Food compliant
- Colour Blue (RAL 5002)

Availability

Sizes to suit all applications

- Sheet 3050 x 1220mm
- Thickness 10 to 100mm
- Other sheet sizes available on request
- Rod on application

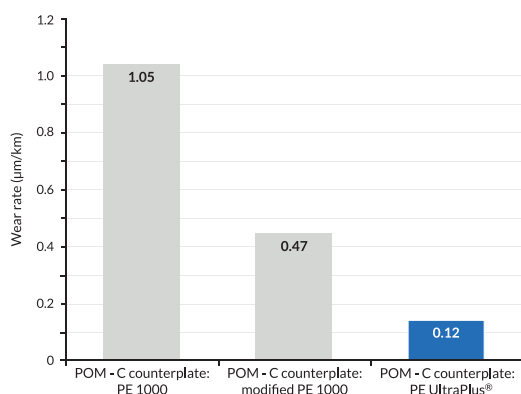
For further information regarding our availability please contact our friendly sales team or visit our website.

PE UltraPlus[®] vs PE 1000

An improved wear resistance when compared to PE 1000

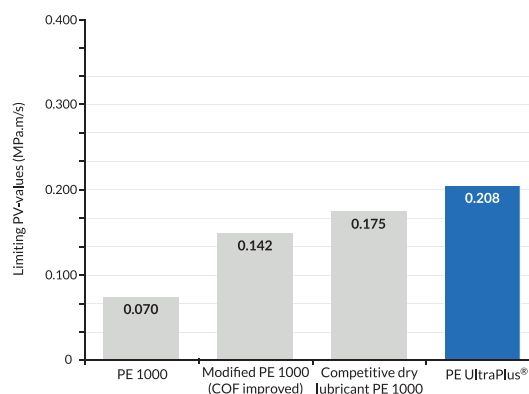
Wear resistance ●

Tribological test procedure: similar to Test Method A: "pin-on-disk" as described in ISO 7148-2:1999 **Test conditions:** 3MPa pressure / POM C pin **Sliding velocity:** 0.33 m/s **Normal environment:** air 23°C 50% RH / unlubricated operation **Test time:** 24 hrs.



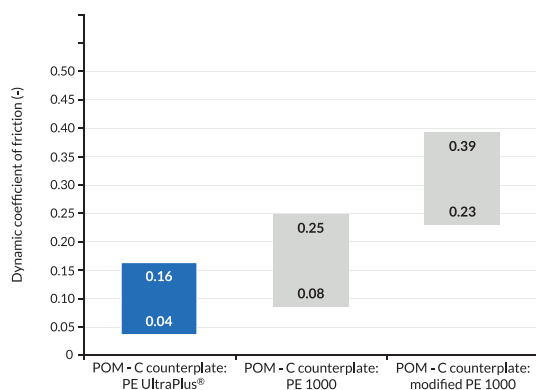
Limiting pv-values ○

Tribological test procedure: Thrust washer testing LPV-limits measured on a thrust washer rotating against a metal system, **speed 0.5:** m/s (wear as limit)



Dynamic (COF) ●

Tribological test procedure: similar to Test Method A: "pin-on-disk" as described in ISO 7148-2:1999 **Test conditions:** 3MPa pressure / POM C pin **Sliding velocity:** 0.33 m/s **Normal environment:** air 23°C 50% RH / unlubricated operation **Test time:** 24 hrs.



Lab test results

For lab test results please refer to graphs

- Higher values = Improved performance
- Lower values = Improved performance

The lab test results support the overall properties of our PE UltraPlus[®] material. The correlation among each graph shows how the material will create a return on investment comparable with PE 1000.