

Björn Tiede, R&D, DEUTERON GmbH

PMU – a Functional Alternative to PTFE

With increasing regulatory pressure and potential PTFE bans, the industry is eagerly looking for PTFE-alternatives. Poly Methyl Urea (PMU) offers a functional alternative to PTFE and PTFE modified waxes. Our highly crosslinked polymer provides excellent surface slip (low coefficient of friction) and improves surface protection against scratches and abrasion. PMU is compatible with a wide range of systems, making it ideal for replacing PTFE in paints, coatings, inks, and lubricants, while supporting compliance with environmental standards.

The availability of different particle sizes, particle morphologies and preparation forms represent a versatile toolbox that meets a broad range of requirements.