



Kunststofftechnik PUR

Close cooperation with our customers and constant material research result in new innovative ideas for polyurethane materials. This enables us to meet all our customers' needs with more than 250 polyurethane formulations. As a result, applications under extreme operating conditions such as temperature or different media are also possible. Many of these formulations are customized under the brand names Asmaprene, Asmathane, AsmaGel and Asmacell. Vulkollan (Covestro Group) is also processed to complement our portfolio of materials.

Asma Prene

Asmaprene is classified into many sub-types specifically formulated for high dynamic loads, wear demanding applications, high chemical resistance or hydrolysis resistance. Asmaprene is generally available from 8 Shore A to 70 Shore D.

Asma Thane

Asmathane impresses with particularly high abrasion resistance and an interesting cost-benefit ratio. Linings in concrete transport containers, hoppers, conveyor channels, for screens, scrapers, on conveyor belts, etc. are typical applications. Asmathane products are available from 50 Shore A to 95 Shore A.

Asma Cell

Asmacell is a series of materials based on cellular polyurethanes with very high formability combined with excellent wear and cut resistance. Asmacell can also be used to ensure the highest possible resilience or high damping, depending on the application.

Asma Gel

Another polyurethane system in Asma's portfolio is AsmaGel. This is a very soft PU material with a hardness of <10 Shore A, which is plasticizer-free and has a certain permanent residual tackiness on the surface. One application is as a dust removal roller in the production of plastic films. AsmaGel can be formulated from 50 Shore 00 (very tacky) - 90 Shore 00 (virtually tack-free).



Asma GmbH
Gmünder Straße 229
3970 Weitra



Tel.: 02856 / 5011
E-Mail: office@asma.at
Web: www.asma.at





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Our formulations and products can be additionally enhanced with microbe protection, flame retardants, grinding or abrasion improvers and antistatic agents, among others.

Of course, we will be happy to help you select the right product for your application. And should we not find anything suitable from our range despite the diversity - we are constantly working on new formulations with further special application possibilities.



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