

Product information
 Characteristics
ASMAPRENE C-series



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Chemical base	Special polyurethane system
Characteristic	High quality cast polyurethane system with very good mechanical properties, very good load bearing capacity and ultimate abrasion resistance over complete hardness range.
Operantional area	<p>Industrial roller and wheel coatings for most wear stressed applications concerning abrasion and cut resistance.</p> <p>Industrial roller and wheel coverings with high dynamic load capacity (heavy duty castors).</p> <p>Coverings and molded parts for high wear and dynamic stressed applications (scraper, screens, no-crush wheels, track pads).</p> <p>Special applications in machine- and equipment construction.</p>
Specific advantages	<p>Ultimate abrasion resistance over complete hardness range, ultimate resistance against UV-exposure, high cut and tear resistance, high dynamic maximum stress, high resilience and flexibility, low compression set, good resistance against hydrolysis.</p>
Special resistance	<p>Generally good resistance against oil, fats, hydrocarbon solvents (heptane, toluene, ethyl acaetate), alcohols (dipropylene glycol), UV exposure – very low yellowing, special formulation with improved microbe-resistance available.</p> <p>For special applications and higher concentrations contact our technical staff regarding resistance!</p>
Working temperature	Long-term use -35 up to 60°C (wet) , long-term use up to 80°C (dry), short-term use up to 100°C (dry), in contact with hydrocarbon solvents and alcohols depending on chemicals.
Hardness	50 up to 95° Shore A
Colors	Yellow, red, black, nature (transparent to white)
Alternatives	<p><u>Asmaprene L</u> (for improved hydrolysis resistance).</p> <p><u>Asmaprene A</u> (for ultimate cut and tear resistance).</p> <p><u>Vulkollan</u> (for ultimate load capacity).</p> <p><u>Asmaprene CPP</u> (for reduced electrical surface and volume resistivity).</p>
Remarks	Suitable for short-term contact with dry and wet foods.