

Product information  
 Characteristics  
**ASMAPRENE Q-Series**



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<b>Chemical base</b>	Polyester based polyurethane system
<b>Characteristic</b>	Highly wear resistant cast polyurethane system with very good physical properties, <u>especially designed for mining applications.</u>
<b>Operational area</b>	Highly wear resistant molded parts and coverings for the mechanically wear usage (mining screens, scrapers, track pads).  Industrial roller and wheel coverings, which are exposed to very strong wear (conveyor rollers in blasting plants).  Special applications in machine- and equipment construction.
<b>Specific advantages</b>	Excellent resistance in the abrasive and erosive wear, very good mechanical strength, high dynamic maximum stress.
<b>Specific resistance</b>	Generally good resistance against mineral oils and fats, UV-exposure for outdoor usage, release agents in concrete processing, hydrocarbon solvents (heptane, toluene, ethyl acetate), alcohols (dipropylene glycol).  Special formulation with improved microbe-resistance available.  For special applications and higher concentrations, contact our technical staff regarding resistance!
<b>Working temperature</b>	Long-term use -20 up to +80°C (dry), short-term use up to +100°C (dry).  For application in continuous contact with water at temperatures > 50°C not suitably (danger of hydrolysis).
<b>Hardness</b>	50 up to 95° Shore A
<b>Colors</b>	Yellow
<b>Alternatives</b>	<u>Asmaprene C</u> (for high dynamically wear, improved microbes and hydrolysis resistance)
<b>Remark</b>	