

Product information
 Characteristics
ASMAPRENE BE-Series



Chemical base	Polyester based polyurethane system
Characteristic	High quality cast polyurethane system with good physical properties and <u>very good flexibility</u> over a broad range of hardness.
Operational area	High wear resistant coverings for roller and wheels in low hardness (rollers for printing, cardboard industry and steel industry). Wear resistant, flexibility stressed coverings and molded parts (non-crush wheels, vacuum suckers). Special applications in machine- and equipment construction (seals).
Specific advantages	Very good flexibility and high resilience, good physical properties, high friction coefficient (especially with low hardness).
Specific resistance	Generally very good resistance against mineral oils and fats, very good resistance against release agents in concrete industry, good resistance against hydrocarbon solvents (heptanes, toluene, acetone,..). For special applications and higher concentrations contact our technical staff regarding resistance!
Working temperature	Long-term use -25 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).
Hardness	40 to 80°A
Colors	Nature (transparent), however on desire many colors available.
Alternatives	<u>Asmaprene C</u> (for improved wear and hydrolysis resistance, elasticity – for applications >50°A). <u>Asmaprene B</u> (for hardness <40°A) <u>Asmaprene BEPP</u> (for reduced electrical surface and volume resistivity)
Remark	Mainly used in hardness range 50 – 70°A in ideal combination of wear resistance and soft surface.

Please contact us for further information!

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