



## ACTIVE EVOLVE AV<sup>®</sup> (polyurethane-adhesive)

CHEMICAL NAME	Prepolymer based on diphenylmethane diisocyanate (MDI).
TECHNICAL REQUIREMENTS	NCO content, % (m/m).....10.0 – 12.5 (PN-EN ISO 1242:2013-06)
	Density at 25°C, g/ml.....1.08 – 1.11 (PN-EN ISO 3675:2004)
	Dynamic viscosity at 25°C, mPas ..... 1000 – 3000 (ASTM D4878-15, met.A)
	Appearance/ colour at 25°C.....clear/turbid liquid, from light yellow to amber
APPLICATION	<p>ACTIVE EVOLVE A is one component polyurethane adhesive. Contains no organic solvents. ACTIVE EVOLVE A is used for the manufacture of molded elements on cold, hot from granulated rubber SBR or EPDM and colored SBR elements. Before using, the rubber granulate should be moistened with the prepolymer and then placed in a mold so that during the press pressure the curing reaction under the influence of temperature and moisture occurs. Properties of the molded element for example plates depends on the size of the rubber granules, the composition and quantity of one component polyurethane adhesive and in the case of the molding process also on degree of compression during curing.</p> <p>ACTIVE EVOLVE A is used to the production of weights and similar products made of SBR and EPDM rubber granules.</p>