

Technical data sheet

WorléeCop 100

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WorléeCop 100 is an anionic, aqueous dispersion of a carboxyl group containing styrene-butadiene-copolymer.

Technical Data:

	Value	Unit	Test Method
Solids content	49 – 51	%	ISO 1625
Viscosity	50 – 400	mPa·s	ISO 1652 (Brookfield LVF, 60rpm)
pH-value	8 – 8,6		ISO 1148

Application and Properties

WorléeCop 100 is mainly used as binding agent in aqueous anticorrosive automotive coatings where stone-chipping resistance is required, often in combination with water soluble or water dilutable resins. The dispersion dries at room temperature to a tough elastic film with good adhesion to metallic surfaces and excellent abrasion resistance at high mechanical stress. By briefly heating up to 150°C these properties can be improved further.

The WorléeCop 100 dispersion also offers a high chemical and mechanical resistance also as good compatibility with fillers, pigments, water soluble and water dilutable resins. Anyway individual trials to check its suitability in the large variety of applications is recommended.

Recommended storage conditions

WorléeCop 100 should be stored in a cool but frost free atmosphere (between +5°C through +35°C) protected against direct sunlight in thoroughly closed recipients.