



Parlock PC 16 Universal Bonding Agent

Description

Parlock™ PC 16 is a one-coat bonding agent used in combination with Parlock PM 05 primer. The addition of Parlock PM 05 primer enhances the corrosion and temperature resistance. Parlock 16 bonding agent is used when a high degree of corrosion and dynamic resistance is required.

Parlock PC 16 bonding agent bonds natural rubber (NR), polyisoprene (IR), polybutadiene (BR), styrene butadiene (SBR), polychloroprene (CR), acrylonitrile rubber (NBR), butyl rubber (IIR) and epichlorohydrin (ECO) to metals and plastics. The combination of Parlock PM 05 primer and Parlock PC 16 bonding agent is ideally suited for soft NR and NBR compounds in transfer moulding and injection moulding production.

Application

Parlock PC 16 bonding agent can be applied by spraying, dipping or brush. For the recommended coating thickness of approximately 15 microns, the following dilution is suggested:

Brush	Undiluted
Dipping	Undiluted, or up to 20% dilution with toluene or xylene
Spraying	50-100% dilution with toluene or xylene

Important

Undiluted Parlock PC 16 bonding agent must be thoroughly stirred prior to application to assure homogeneity. Diluted product must be stirred continuously to avoid sedimentation (separation).

When dry, Parlock PC 16 bonding agent forms a dry black film. Coated parts can be stored for several days in a clean environment.

Cautionary Information

Before using this or any pAr product, refer to the Material Safety Data Sheet (MSDS) and label for safe use and handling instructions. In the event of potential conflict, the information contained in the MSDS and label prevails over the information provided herein.

For industrial/commercial use only. Must be applied by trained personnel only. Not to be used in household applications. Not for consumer use.

Typical Properties* of Parlock PC 16 Bonding Agent

Composition	Polymers and fillers dispersed in xylene
Colour	Black-green
Viscosity, secs 4 mm Ford-cup	80 - 120
Specific Gravity g/cm ³	0,960 - 1,040
Flashpoint	25°C
Solids Content by weight	24 - 28%
Shelf Life	1 year

*Data is typical and not to be used for specification purposes.

For additional information, contact us at telephone: +49 (0) 243352570 or fax: +49 (0) 2433525718 or write: **pAr Oberflächenchemie GmbH & Co. KG, Ottostrasse 28, D-41836 Hückelhoven-Baal, Germany**

Values stated in this bulletin represent typical values as not all tests are run on each lot of material produced. For formalized product specifications for specific product end uses, contact the Customer Service Department.

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