

# ROWAFLEX® X 502

## Plasticizer and Emulsifier for thermoplastic adhesives

|                            |  |
|----------------------------|--|
| <b>Type</b>                | Plasticizer  |
| <b>Chemical character</b>  | Blend Ethox. fatty alcohol / sulfonamide   |
| <b>pH value</b>            | 8  |
| <b>Typical application</b> | Aqueous print pastes   |
| <b>Appearance</b>          | Colorless liquid   |
| <b>Product viscosity</b>   | 125 mPa.s (Brookfield LVT, 20°C/20 rpm)  |
| <b>Properties</b>          | <p>ROWAFLEX® X 502 is a blend of emulsifier/plasticizer for thermoplastic hotmelt powders like copolyamide, copolyester, HDPE and polyurethane. This product has a high efficiency dispersing force.</p> <p>Formulations with ROWAFLEX® X 502</p> <ul style="list-style-type: none"> <li>• are easy and fast to prepare</li> <li>• have positive influence to melt flow characteristic (reduce the fusing parameters)</li> <li>• free of organic solvents and enviromental friendly</li> <li>• improve adhesion to various substrates</li> <li>• improve wash-and DC resistance due to unique chemical structure</li> <li>• are very efficient, therefore low quantities are required</li> </ul> |
| <b>Application</b>         | <p>ROWAFLEX® X 502 is used in waterbased paste formulations. It disperses the powder and gives positive results to adhesion and resistances to various substrates. For „100 kg ready made paste“ with solid content of 35% only 3.00 – 4.50 kg of ROWAFLEX® 502 is required. It is easy to prepare and has a high solution force in water.</p>   |

## Recipe recommendation

### Copolyamide paste with plasticizer

Water / H<sub>2</sub>O

ROWAFLEX® DF 2

ROWAFLEX® X 502

ROWALIT® 200-2, 0-80

ROWAFLEX® TH 3

ROWAFLEX® X 100

55 kg

0.2 kg

3 kg

30 kg

0.4 kg

10 kg

Die vorstehenden Angaben entsprechen dem derzeitigen Stand unserer Erkenntnisse und Erfahrungen. Wir beraten Sie damit unverbindlich und bitten Sie, alle Angaben über die Verwendung unserer Produkte auf die bei Ihnen vorliegenden Verhältnisse abzustimmen und den verwendeten Materialien anzupassen.

All information provided is based on our experience and current know-how but is given without guarantee and obligation. Recommendations on the application and use of our products should be adapted to the particular conditions and other materials employed.

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