



ROWAFLEX® X 501

Plasticizer and Emulsifier for thermoplastic adhesives

Type	Plasticizer
Chemical Basis	Blend Ethox. fatty alcohol / sulfonamide
Appearance	slight yellowish liquid
pH-Value	6 - 8
Product viscosity in mPa.s	1000 - 1500
standard	Brookfield RVT, Sp. 5/20 rpm

Properties

ROWAFLEX® X 501 is a blend of emulsifier/plasticizer for thermoplastic hotmelt powders like copolyamide, copolyester, HDPE and polyurethane. This product has a high efficiency dispersing force.

Formulations with ROWAFLEX® X 501

- are easy and fast to prepare
- have positive influence to melt flow characteristic (reduce the fusing parameters)
- free of organic solvents and enviromental friendly
- improve adhesion to various substrates
- improve wash-and DC resistance due to unique chemical structure
- are very efficient, therefore low quantities are required

Application

ROWAFLEX® X 501 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® 501 is required. It is easy to prepare and has a high solution force in water.

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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.

Certified Quality
Management System



Guide recipe recommendation Copolyamide paste with plasticizer

Water / H2O	55 kg
ROWAFLEX® DF 2	0.2 kg
ROWAFLEX® X 501	3 kg
ROWALIT® 200-2, 0-80	30 kg
ROWAFLEX® TH 3	0.4 kg
ROWAFLEX® X 100	10 kg

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