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Technical Data Sheet L-2812M Waterborne Polyurethane

Product properties

Type	aliphatic polymer, polyether based
Appearance	blueish, translucent
Solid content (%w/w)	35 ± 1
pH (25°C)	7.0 – 9.0
Viscosity (25°C; mPa.S)	< 500
Volatile	water , NMP
Neutralizing agent	TEA
Density of dispersion	1.04
Freeze/thaw stability	stable
100% modulus	76
Elongation	450
Tensile strength	470 – 520

General

Small additions of cross linker like polyaziridine can be used for optimize resistance.
Optimum adhesion can be achieved when substrate is (Corona) treated.
Broadly compatible with acrylic emulsions.

Applications

Coating for flexible substrates, such as leather, fabrics and plastics
Sizing for fiber, nonwoven fabrics

End-use properties

The film has good tensile strength and flexibility
High transparent
Good abrasion resistant

Storage

Stored in a dry place above 10°C, its shelf life is 1 year.

Safety

Relevant information can be found in the Material Safety Data Sheet for L-2812M

The information contained in this technical data sheet is the result of the most up-to-date available in our company. The information given in this data sheet does not constitute or replace the user's own assessment of workplace risk as required by other health and safety legislation. The user must ensure that the information is suitable and complete in relation to the specific use of the product