

Kamsons Chemicals Technical Data

KAMTHANE K-2016

KAMTHANE K- 2016 is an aliphatic hybrid polyurethane dispersion exhibiting excellent hardness and chemical resistance for use in various industries.

Typical properties

Type	anionic urethane hybrid, dispersion
Appearance	white translucent bluish.
Total solids (% w/w)	35%± 1
pH (25 °C)	7.5 -9.0
Viscosity, cps	40 -160
Volatile	6.5 % NMP
Density of dispersion (kg/l)	1.04
Elongation at break	190%
Konig hardness	150
Freeze/thaw stability	stable

Film properties

Hard yet flexible, clear and UV resistant.
Excellent water and solvent resistance.
Excellent abrasion and chemical resistant.
Good saponification resistance.

Recommendation for end-use

Multi-surface paints.
Parquet lacquers.
Floor coatings.
Plastic coatings.
Wall coatings.
Joinery paints.

General guidelines

Kamthane K-2016 may need the addition of coalescents for proper film formation.
The addition of wetting and/ or levelling agents and defoamers is required.
Kamthane K-2016 can be combined with limited acrylics.

THESE SUGGESTIONS & DATA ARE BASED ON INFORMATION WE BELIEVE TO BE RELIABLE. THEY ARE OFFERED IN GOOD FAITH, BUT WITHOUT GUARANTEE, AS CONDITIONS AND METHODS OF USE OF OUR PRODUCTS ARE BEYOND OUR CONTROL.
