



A Step Ahead...

QUAKER COLOR

DIVISION OF McADOO & ALLEN, INC.

201 S. HELLERTOWN AVENUE P.O. BOX 219
QUAKERTOWN, PENNSYLVANIA 18951-0219
(215) 536-3520 FAX (215) 536-6464
www.quakercolor.com

Technical Data Sheet

Product Code: DM-831

DESCRIPTION

DM-831 is a solvent free, inherently dull, soft feel aliphatic urethane dispersion. DM-831 has a unique combination between soft feel, flexibility and toughness. Could be used in conjunction with isocyanate crosslinker or as is.

APPLICATIONS

- Interior automotive plastics
- Cosmetic packaging
- Paper coatings
- Other applications requiring soft feel, high hydrolysis resistance

FEATURES

- Low gloss
- Soft touch
- Excellent hydrolysis resistance
- Excellent cold flex resistance

TYPICAL PROPERTIES

NV%	32 – 36
Specific Gravity	1.0
pH	8.0
Viscosity, cPs	Max 300
Tensile, psi	5000
Modulus 100%, psi	400
Elongation %	900

STORAGE

Store in a cool, dry place, preferably less than 80°F, to ensure a useful shelf life of 18 months. Protect from freezing. Mix before use.



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STARTING POINT FORMULATION

	Material	Material
PUD	DM-831	100.00
Defoamer	Tego 901W	0.50
Flow Additive	BYK 347	0.50
Rheology Modifier	Rheolate 300	0.50
Crosslinker (optional)	WAT 4	5.35

Quaker Color manufactures all its products under carefully controlled conditions to meet rigid specifications. The values given in this publication are typical values intended as guidelines for the use of the products, they are not specifications. It is the user's responsibility to thoroughly test the product in their particular application to determine its performance, efficacy and safety. Should you require the actual specifications currently enforced on specific products contact your Quaker Color representative for the appropriate information.