



Owensboro Specialty Polymers, Inc.
Chemistry that Connects, People that Care

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DARATAK[®] B

Adhesive Emulsion

Daratak B is an internally plasticized vinyl acetate copolymer. Films of Daratak B have flexibility equivalent to that of vinyl acetate homopolymers plasticized with 20% dibutyl phthalate. Please note that Daratak B does NOT contain dibutyl phthalate.

Daratak B is tough, flexible, and water resistant. It provides excellent machinability, speed of grab and set. It adheres well to non-porous surfaces. Daratak B is designed for use on difficult-to-adhere-to substrates such as vinyl sheeting, aluminum foil and PVdC coatings. It can be compounded into a heat sealing adhesive. It is compatible with a wide range of adhesives-compounding ingredients. Daratak B is compatible with SBR combining the best attributes of both.

Because of its excellent compounding stability, Daratak B can be used as a base for adhesives for non-porous substrates. Daratak B is less hard and more flexible than Daratak A.

PRODUCT SPECIFICATIONS

Total Solids	54-56%
pH	4.0-5.5
Viscosity	1000-1400 cps (Brookfield #3 spindle, 60 rpm, 25° C)
Residual Monomer	<1%

TYPICAL LATEX PROPERTIES

Description	Milky white liquid with a slight vinegar odor
Average Particle Size	1.5 microns (approximate)
Weight/gallon, Emulsion	9.0 pounds
Weight/gallon, Solids	9.76 pounds
Specific Gravity	1.15
Mechanical Stability	20+ minutes
Borax Compatibility	No
Freeze Thaw Stability	No
Shelf Life Recommendation ¹	1 year
Recommended Storage Temperature	35-85° F

TYPICAL FILM PROPERTIES

Color/Clarity	Clear
Gloss	High
Odor	None
Water Resistance	Excellent
Light Stability	Excellent
Aging Characteristics	Excellent
Film Consolidation	Very Good
Tg	8° C

FDA CLEARANCES

Components of this emulsion comply with FDA regulation 175.105 and 176.170 for use in food packaging, adhesives, and coatings.

1. Maximum recommended shelf life under optimal storage conditions. Shelf life will vary depending on storage conditions.

Literature code OSP_TDS_DaratakB_Rev6
Issue Date: April 28, 2015

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