

AquaBead® R331E

A high solids nonionic rice bran wax emulsion providing water repellency and lubricity with excellent rub and abrasion resistance

Features and Benefits

- Based on natural, biodegradable, sustainable and upcycled rice bran wax
- Adds slip and rub resistance to high gloss inks and coatings
- Excellent abrasion resistance
- Outstanding water repellency/beading properties superior to paraffin emulsions
- Developed for broad compliance in food packaging and agrochemicals
- 40CFR Part 180 approval of rice bran wax pending

Wax Type

Rice bran wax

Renewable Carbon Index

>95%

Recommended Addition Levels

3.0-10.0% (on total formula weight)

Systems and Applications

Water based coatings. Industrial coatings (including plastic, metal and masonry); stains, sealers and varnishes; wood coatings; printing inks and OPV's (including flexo and gravure), seed coatings.

Typical Properties*

AquaBead R331E

Emulsifier Type	Nonionic
Appearance	Off-White Liquid
Total Solids	50%
Viscosity @ 25 ° C (cP)	500 - 2,000
pH	8.0 - 10.5
Density @ 25 ° C (g/cc)	1.00
Wax melting point	80 ° C

Apr-25