

Marcus Oxidized Polyethylene Waxes

Product Data Sheet : Marcus Oxidized Low Molecular Weight Polyethylene Waxes

Typical Properties Marcus Oxidized Polyethylene waxes

CAS no. 68441-17-8

DSL/NDSL RECORD NUMBER : 17493

Marcus <u>Grade</u>	Mettler Drop Point ⁰ C	DSC Peak ⁰C	Needle Penetration dmm	Viscosity mPas @149 ⁰ C	Density gms/cc	Acid No <u>Mg KOH/gm</u>
M3300	112	109	4	20-40	0.97	7
M3400P	112	109	4	20-40	0.97	12
M3400T	112	109	4	20-40	0.97	16
M3500	112	109	5	20-40	0.97	24
Test Method	ASTM D3954	ASTM 3418	ASTM 1321	ASTM D3236	ASTM D1505	

Marcus 3300; 3400 and 3500 Oxidized Polyethylene waxes are manufactured using Marcus homopolymer feedstock. The oxidation process is conducted under special conditions to maintain good wax color and hardness.

Marcus Oxidized Polyethylene waxes can be used for making high quality emulsions (see Marcus EML literature) or where a functional or polar wax is desirable. In general, an acid value >16 mgKOH/g is recommended for emulsion manufacture.

Packaging and Product Form

Standard packaging is in 55 lb (25kg) plastic lined kraft bags with 40 bags to the pallet (2500 lbs). Supersacks and Gaylord boxes are available upon request.

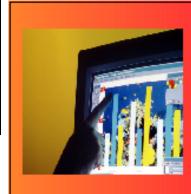
Marcus 3300; 3400 and 3500 Oxidized Polyethylene waxes are available as white pastilles (approx. 3-6 mm dia), liquid and ground. Flake and special grinds are available upon request.

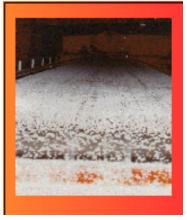
Micronized Marcus homopolymer waxes are also available (see Marcus Micronized Wax brochure (PRD-MIC).

Safety

Marcus Polyethylene homopolymers are regarded as non-hazardous when exposure is controlled using accepted industrial hygiene practices. Please consult the Material Safety Data Sheet for specific information on the safe handling of Marcus Polyethylene waxes.







Marcus Oil & Chemical Division of H.R.D. Corporation PO Drawer 450267 Houston, TX 77245 U.S.A Fax 713-726-9885 Telephone: 800-Marcus1 (800-627-2871) Email <u>contactus@marcusoil.com</u>

Visit us at www.marcusoil.com

Disclaimer : Marcus Oil & Chemical does not guarantee the completeness, applicability or the accuracy of the information contained herein, nor the suitability of the products described herein for any particular purpose. No warranties of any kind, either expressed or implied, are made with respect to the products described herein. The user assumes all risk and liability in connection with such usage. Marcus Oil & Chemical shall not be liable for any damages, lost profits or injuries resulting from your use or inability to use information obtained from herein . Users should check all applicable laws and regulations concerning products use. The information contained herein is provided "As is" without warranty of any kind, either expressed or implied, including but not limited to the implied warranties or merchantability, fitness for a particular purpose and non-infringement. Copyright Marcus Oil & Chemical - all rights reserved -2000