

Marcus Homopolymer Polyethylene Waxes

Product Data Sheet : Marcus Low Molecular Weight Polyethylene Homopolymers

Typical Properties Marcus Polyethylene Homopolymer waxes

CAS no. 9002-88-4

DSL/NDL RECORD NUMBER : 8959

| Marcus Grade | Mettler Drop Point °C | DSC Peak °C | Needle Penetration dmm | Viscosity mPas @149°C | Density gms/cc |
|--------------|-----------------------|-------------|------------------------|-----------------------|----------------|
| M200 | 118 | 116 | 2-3 | 10-20 | 0.94 |
| M300 | 118 | 116 | 2-3 | 20-40 | 0.94 |
| M500 | 118 | 116 | 2-3 | 40-60 | 0.94 |
| MC6 | 106 | NA | 2-3 | 350-400 | 0.92 |
| MC16 | 98 | NA | 2-3 | 500-550 | 0.91 |
| Test Method | ASTM D3954 | ASTM D3418 | ASTM D1321 | ASTM D3236 | ASTM D1505 |

Marcus homopolymer polyethylene waxes are hard, high melting waxes with low viscosity. Low molecular weights (approx. 900-1100 Mn) and narrow distribution combined with their high crystallinity give Marcus Waxes their unique properties.

Packaging and Product Form

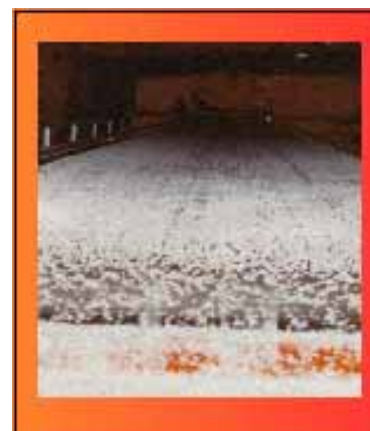
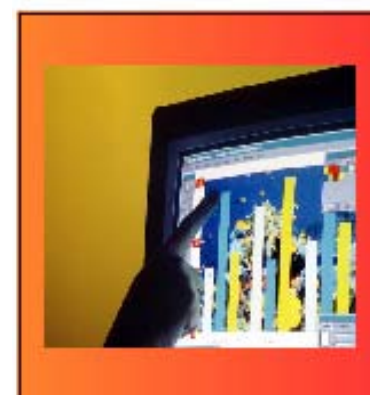
Standard packaging is in 50 lb (22.7 kg) plastic lined kraft bags with 45 bags to the pallet (2250 lbs). Supersacks and Gaylord boxes are available upon request.

Marcus homopolymer waxes are available as white pastilles (approx. 3-6mm 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.



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