

# 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
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

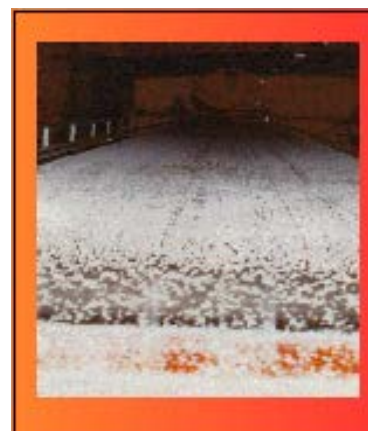
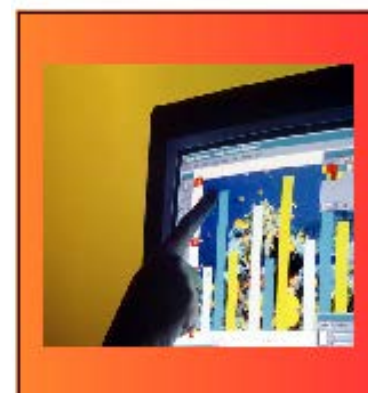
Standard packaging is in 50 lb (22.7 kg) plastic lined kraft bags with 45 bags to the pallet (2250 lbs). Supersacks and Gaylord boxes are available upon request.

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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