

Westlake expands EPOLENE® product line with three new high density oxidized polyethylene (HDOPE) grades

Westlake is proud to announce three new grades in our EPOLENE® product line. These higher density grades were developed to provide customers with a greater breadth of options when looking for oxidized waxes. These products bring the following benefits to PVC and Emulsion applications:



PVC LUBE

- ▶ Excellent lubricant for rigid PVC processing, providing an anti-sticking effect and efficient die lubrication
- ▶ Tolerate higher processing temperatures without die build-up due to high thermal stability
- ▶ Provide faster fusion due to higher crystallinity
- ▶ Combine well with non-polar PE waxes and stearate based lubricants
- ▶ Increase stiffness of the final product

EMULSION

- ▶ Compatible with water-base and solvent-base formulations
- ▶ Promote stable solutions without phase separation
- ▶ Improve rub and scuff resistance
- ▶ Excellent for high traffic applications
- ▶ Low coloring impact
- ▶ Control surface gloss

New HDOPE Product Properties*

Application	EPOLENE® DE-21	EPOLENE® DE-84P	EPOLENE® DE-80P
Physical Form	Pellets	Powder	Powder
Density (g/cm³)	0.962	0.971	0.985
Drop Point (°C)	116	130	120
Viscosity at 125°C (cP)	350	-	-
Viscosity at 150°C (cP)	-	4,000	18,000
Acid Number (mg-KOH/g)	16-18	16-18	16-18
Penetration Hardness (dmm)	<1	<1	<1

*Grades are development. Test properties are preliminary and subject to change.