

DEUREX® EO 44 P

TECHNICAL INFORMATION

- Chemical description:** Oxidized HDPE wax
- Production process:** Wet Oxidation
- Applications:** PVC and other plastics
- Can be used in all U-PVC and P-PVC applications but also in C-PVC
- Hot melt
- Adhesion, heat resistance, increase production output
 - Increase heat resistance of hotmelts
- Benefits:**
- White powder, transparent melt
- Properties:**
- Accelerates fusion
 - Increases torque and pressure
 - Synergistic effect in combination with non-polar PE waxes by reduction of melt viscosity
 - Very effective for use in processing PVC regrind
- Typical dosages:**
- Depending on the rheological requirements:
Up to 0.2 phr for PVC, up to 0.5 phr for C-PVC

Technical data:

Colour: White
Delivery form: **DEUREX EO 44 P** = Powder

	Minimum	Maximum	Method
Drop point*:	132 °C	135 °C	ASTM D 3954
Acid value*:	15 mgKOH/g	19 mgKOH/g	ASTM D 1386
Penetration:		0.5 mm*10 ⁻¹	ASTM D 1321
Viscosity (140 °C):		4.000 mPas	ISO 3219
Density (23 °C):	0.97 g/cm ³	0.99 g/cm ³	ISO 1183

* Part of certificate of analysis

Approvals: Food contact approvals

Alternative products: <https://www.deurex.com/productsearch/DEUREX-EO-44-P/>