

Certificate of Analysis

Analysis of Polyethylene Wax (HDPE Wax) PE110

PROPERTIES	Result	Unit
Color	White	-
Appearance	White Flakes	-
Chemical Formula	(C ₂ H ₄) _n	-
Molecular Weight	1000 – 2000	g/mol
Flash Point	137	°C
Drop Melting point	100-115	°C
Softening Point	95 – 115	°C
Penetration Hardness	< 15	dmm
Density	0.95 – 0.98	gr/cm ³
Viscosity @140 °C	10-40	Cps
Peak Chain Length (SEC)	35 – 45 carbon atoms	
Homogeneity Index Mw/Mn	1.5 approx.	
Polyethylene wax	≥ 98%	-
Water	< 2 %	-

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