



POLYVINYL CHLORIDE EVIPOLE SH6830

Producer: Ineos / Europe

Description: **EVIPOLE SH6830** is a high molecular weight vinyl chloride homopolymer with high bulk density and low porosity. It is produced by the suspension process.

Applications: **EVIPOLE SH6830** has a higher molecular weight than **EVIPOLE SH6630** polymer for applications requiring higher mechanical properties. **EVIPOLE SH6830** is suitable for a range of clear and opaque rigid applications.

It is typically used for the following applications :

Rigid profiles, particularly window profiles

Rigid pipes, particularly pressure pipes, and soil, sewer, rainwater and land drainage

Rigid sheet, opaque and clear, flat and corrugated sheet

Rigid duct, conduit and trunking for telecommunications and cable management

Typical properties :

PROPERTIES	TEST METHOD	UNITS	OBTAINED DATA
K-Value	ISO 1628-2		68
Viscosity number	ISO 1628-2	ml/g	116
Apparent Density	ISO 60	g/cm ³	0.57
Particle size >250µm	ISO 4610	%	< 5
Particle size >63µm	ISO 4610	%	> 95
Plasticizer absorption	ISO 4608	%	22
Volatile content	ISO 1269	%	< 0.3

Processing : After mixing appropriate additives, **EVIPOLE SH6830** is suitable for processing by the extrusion process.