

Technical Data Sheet (TDS)

Product Name: Polyethylene Wax

Grade: R101

Manufacturer: Raash Polymer

Application: PVC Processing – Internal/External Lubricant

Physical and Chemical Properties

Property	Test Method	Typical Value
Appearance	Visual	White Powder
Density @ 23°C (g/cm ³)	ASTM D1505	0.92 - 0.93
Melting Point (°C)	ASTM D3418	100 - 108
Softening Point (°C)	ASTM E28	102 - 110
Viscosity @ 140 °C (cP)	ASTM D3236	10 - 14
Ash Content (%)	ASTM D5630	≤ 0.05
Color	Visual	White



- Reduce extruder pressure and torque
- Improved mold filling and quality level
- Suitable for rigid PVC, foamed sheets, profiles, fittings
- Suitable for PEX (DTBP compatible, no chemical reaction)
- Can be used in PE/PP masterbatches

Recommended Dosage (Guide):

PVC: 0.3 – 1.0 phr

PEX: 0.2 – 0.5 wt.%

Masterbatch: 0.5 – 2.0 wt.%

International Reference

Equivalent to Honeywell AC-6 / AC-6A (LDPE-based wax)

Packaging and Storage

Packaging: 20 kg PE-lined paper bag / 1250 kg jumbo bag