

## Product Information

### **VESTAMELT® 970** **Copolyamide hotmelt adhesive**

VESTAMELT 970 is a copolyamide hotmelt adhesive with good washing resistance.

VESTAMELT 970 can be added to low viscous grades and the powder improves the resistance to strike back in pastes.

VESTAMELT 970 is suitable for the manufacturing of films.

Fields of application:

- paste dot (base)
- powder dot

VESTAMELT 970 is supplied as granules in foil-laminated bags and powder in multilayer PE-laminated paper bags.

The powder can be supplied in following particle sizes:

- P1 = 0 to 80 µm
- P2 = 80 to 200 µm
- P3 = 200 to 300 µm
- P4 = 300 to 500 µm

VESTAMELT 970 is a non-hazardous substance and is not subjected to any particular safety regulations.

**For further information, please contact us at [evonik-hp@evonik.com](mailto:evonik-hp@evonik.com).**

Property	Test method		Unit	VESTAMELT 970
	international	national		
Melt flow rate (MFR) 160°C/2.16kg	following ISO 1133/53735	following DIN EN ISO 1133	g/10 min	approx. 5
Relative solution viscosity	following R307/53727	following R307/53727		1.7
Melting point, optical	following ISO 3146	following DIN EN ISO 3146	°C	119
Melting maximum, DSC	ISO 11357	DIN EN ISO 11357	°C	116
Melting characteristics on Kofler bar				
Tack point		Kofler bar	°C	98
Melting point		Kofler bar	°C	115

Heat setting conditions	Test method		Unit	VESTAMELT 970
	international	national		
Glue line temperature			°C	130–150
Time			sec	10–15
Pressure			N/cm <sup>2</sup>	3–5
Resistance to washing at 60°C		Degussa Method		good
Resistance to steam		Degussa Method		good
Resistance to dry-cleaning		Degussa Method		very good

® = registered trademark

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