

## Adhesives to produce cardboard and paper packagings, corrugated boxes, and cardboard laminating

Item/Performance		homaprom 1123 and its viscosity modifications	homaprom 1133.1	homaprom 1137 and its viscosity modifications SPECIALTY	homaprom 1137.3 SPECIALTY	homaprom 1139 and its viscosity modifications SPECIALTY	homaprom 1153 and its viscosity modifications	homaprom 1614 SPECIALTY
AREA OF APPLICATION	Corrugated Package production*	■	■	■	■	■	■ for 5-layer cardboard	■
	Bonding of sophisticated papers (coated, varnished, and offset)*		■	■	■	■	■	■
	Cardboard laminating*	■	■	■				
EQUIPMENT	Recommended application	Manual, semi-automatic, automatic			Manual, semi-automatic, automatic			Automatic Working temperature 160-180°C
	Application	Disc, roller, modification for nozzle use is possible	Disc, roller, modification for nozzle use is possible	Disc, roller, modification for nozzle use is possible	Roller	Nozzle	Disc, roller, modification for nozzle use is possible	Nozzle, disc
PERFORMANCE	Base	PVA water dispersion containing plasticizer						EVA hot-melt adhesive
	Solid content, %	NLT 18	NLT 27	NLT 28	NLT 28	NLT 28	NLT 42	100
	pH	3,5–5,5	4,0–6,0	4,0–6,0	4,0–6,0	3,5–5,5	4,0–6,0	
	Brookfield dynamic viscosity, ISO 2555, RVT, R2-6/20 @ 23°C, mPa*s	2000–12900	6000–9900	1000–15000	40000–55000	1000–15000	2500–18000	Brookfield viscosity (Sistema Thermosel - ASTM 3236), @ 160°C 1800 mPa*s
	Cold resistance	withstand five cycles of freeze (-20°C) / thawing ( room temperature). Before processing thermostate the thawed product to the room temperature and stir.						Cold resistant

\* Also applicable for food packaging

■ oprimary application ■ possible application