

**The Polyolefin Company (Singapore) Pte**

Office : 150 Beach Road, #10-00 Gateway West, Singapore 189720

Tel: (65) 6292 9622 Fax: (65) 6293 8890, (65) 6292 6595, (65) 6293

Plant : 401 Ayer Merbau Road, Singapore 628285

Website: www.tpc.com.sg

Co. Reg. No.:

COSMOTHENE® EVA KA-31**CHARACTERISTICS**

COSMOTHENE EVA KA-31 is produced by the latest autoclave process technology licensed by Sumitomo Chemical Co. Japan.

COSMOTHENE EVA KA-31 is a high strength EVA grade with good adhesive strength and provides soft feeling for sheet application.

APPLICATIONS

Suitable in hot melt adhesive, sheet by calendering process and cable compound.

COSMOTHENE EVA KA-31 complies with U.S FDA Regulation 21 CFR 177.13 and 175.105 subjected to the extraction limitation for specific end-use application.

PHYSICAL PROPERTIES:

ITEM	UNIT	KA-31	TEST METHOD
Vinyl Acetate Content	Wt. %	28	TPC METHOD
Melt Flow Rate	g/10 min	7	ASTM D1238
Density	g/cm ³	0.945	ASTM D792
Tensile Strength	MPa	11.8	ASTM D638
Elongation	%	800	ASTM D638
Surface Hardness	Shore D	26	ASTM D2240
Vicat Softening Point	°C	40	ASTM D1525
Brittleness Temperature	°C	< -50	JIS K7216
Ring & Ball Softening Point	°C	> 150	ASTM E28
Melting Point	°C	70	TPC METHOD

- The figures presented are typical laboratory averages, only for reference.
- The information is based on our current knowledge, is subjected to continuous updates and is intended to suggest/ recommend product applications and to provide typical data on the related properties. It should not therefore be construed as guaranteeing any specific property of the product. TPC makes no warranty of any kind, expressed or implied, regarding the accuracy of these data.