

LOTADER[®] 9305T

LOTADER[®] 9305T is a random ethylene-vinyl acetate-maleic anhydride terpolymer (EVA-MAH).

- As an ethylene copolymer, LOTADER[®] 9305T is compatible with PE in all proportions, and with most ethylene copolymers.
- Vinyl acetate brings softness, flexibility, and polarity while maleic anhydride brings reactivity, leading to versatile adhesive properties to polar and non-polar substrates.

LOTADER[®] 9305T is compatible with most tackifying resins and waxes and can be used in hot melt adhesives formulations. LOTADER[®] 9305T is also suitable to produce thermo-adhesive films for solid substrates like PA, PET & PU films, aluminum, foils...

Typical Properties

	Test Method	Unit	Typical value
Vinyl Acetate content	FTIR (Internal Method)	% wt.	28
Maleic Anhydride content	FTIR (internal method)	ppm	6400
Melt Index (190°C / 2.16 kg)	ISO 1133 / ASTM D1238	g/10min	180
Melting point	ISO 11357-3	°C	68
Density	ISO 1183 / ASTM D1505	g/cm ³	0.94
Vicat softening temperature (10N) ⁽¹⁾	ISO 306 / ASTM D1525	°C	<40
Ring & Ball temperature	ASTM E28	MPa	92
Elongation at break ⁽¹⁾	ISO 527-2 / ASTM D638	%	800
Tensile strength at break ⁽¹⁾	ISO 527-2 / ASTM D638	MPa	5.5
Hardness Shore A ⁽¹⁾	ISO 868 / ASTM D2240		75

¹: On compression molded samples.



Processing

LOTADER® 9305T can be processed on most conventional equipment used for thermoplastics. It is recommended to avoid overheating above 230°C and to purge the equipment after a run is completed.

Storage, Handling & Safety

LOTADER® 9305T should be stored in dry conditions protected from UV-light. Improper storage conditions may cause degradation and have consequences on physical properties of the product.

Due to its physical properties (Vicat temperature <40°C), it may be possible that the product shows some caking. This is particularly true during summer time.

