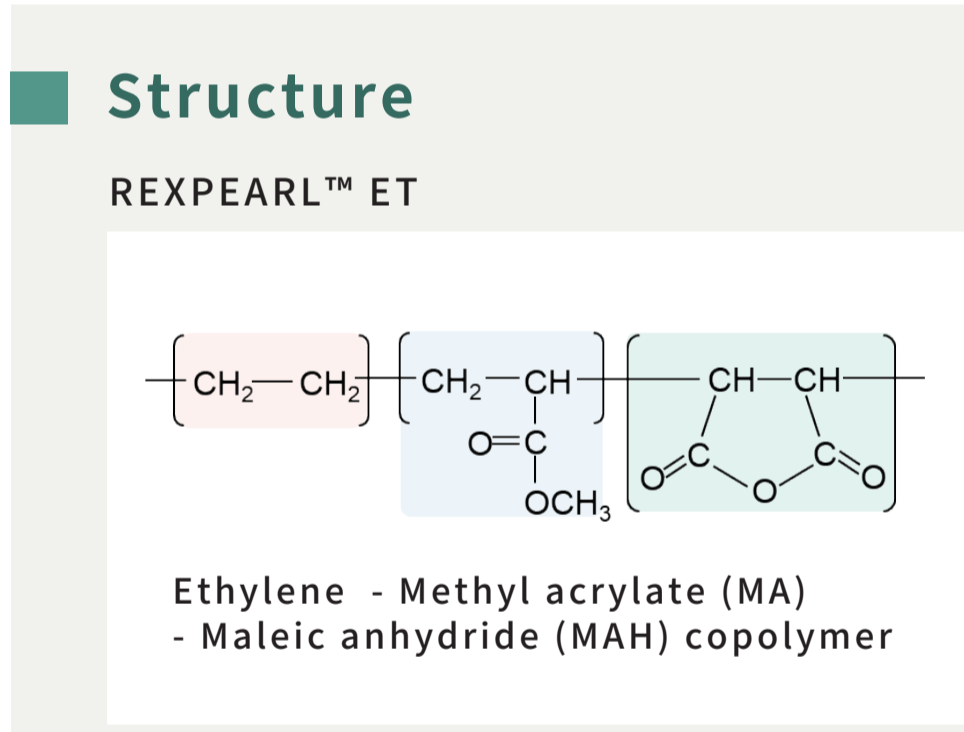



Use **Ink / Paints / Adhesives**

- Background**
- Excellent solvent-solubility through molecular design of “REXPEARL™”
 - Possibility of monomaterialisation when used with polyolefin
 - Soluble in various solvents other than aromatic solvents
 - Good adhesion to polar materials due maleic anhydride



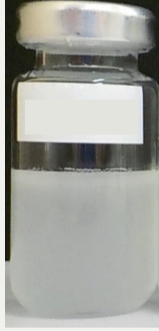
Solvent-solubility

REXPEARL™ ET
10 wt% toluene soln.



Good transparency, fluidity

(Reference)
Typical PE



gelation

Solubility in Each Solvent

[10 wt%, Stirring for 1 hr]

		Highly Soluble Type		Highly Fluid Type		LDPE
MFR (g/10min)		11		600		-
MA (wt%)		30		23		-
MAH ratio		Low		Middle		-
Stirring Condition		80 °C	23 °C *	80 °C	23 °C *	80 °C
Solvent	Toluene	Excellent	Excellent	Excellent	Excellent	Good
	Methyl cyclohexane	Excellent	Excellent	Excellent	Good	Bad
	Tetrahydrofuran	Excellent	Excellent	Excellent	Good	Bad
	Methyl ethyl ketone	Excellent	Good	Excellent	Good	Bad

※Cooling after stirring 80 °C