

圖 3. 不同的混摻比例下拉伸比對橫切撕裂強度(TD)之關係

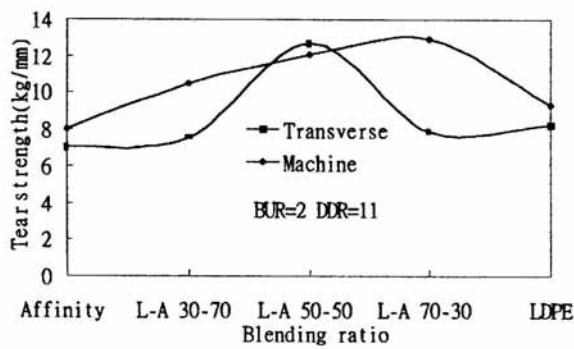


圖 4. 混摻比例與薄膜之對橫切(TD)與縱切(MD)撕裂強度之關係

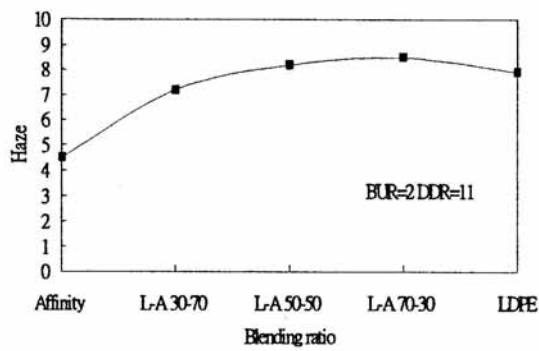


圖 5. 混摻比例與薄膜霧度之關係

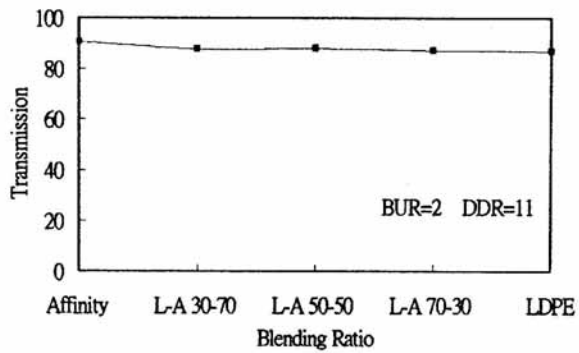


圖 6. 混摻比例與薄膜透明度之關係

表一 不同加工條件下 LDPE 薄膜光學特性

LDPE	1	2	3	4	5
BUR	2	2	2	2.5	2.5
DDR	11	13.5	18	8	11
Haze	7.9	7.9	7.9	7	7.6
Transmission	86.9	87.5	87.7	87	87.5

表二 不同加工條件下 m-PE 薄膜光學特性

Affinity	1	2	3	4	5	6
BUR	2	2	2	2.5	2.5	2.5
DDR	11	13	14	8	11	14
Haze	4.5	4.2	4.1	2.5	3.1	3.4
Transmission	90.7	91.2	90.3	91.1	90.3	91.6

表三 不同加工條件下 LDPE/m-PE 薄膜光學特性

L-A 50-50	1	2	3	4	5	6
BUR	1.5	2	2	2	2.5	2.5
DDR	14	8.5	11	14	8.5	11
Haze	8.7	8.7	8.2	8.7	7.3	9.1
Transmission	87.3	86.3	88	86	88	86.1

參考文獻

1. H. Sinn, W. Kaminsky, Adv. Organomet Chem., 18, 99, 1980.
2. H. Sinn, W. Kaminsky, H.J. Vollmer, Angew chem. Int., Ed., 19, 39, 1980.
3. C&E News, p15, Sep. 11, 1995.
4. L. Sherman, Plastics Tech., Aug. 40, 1996.
5. S. S. Schwartz and S. H. Goodman, "Plastics Materials and Processes", Ed., Van Nostrand Reinhold Co., 1982.
6. 金井俊考, Plastic Age, Aug., 113, 1985.
7. R.T. Fenner, "Principle of Polymer Processing", Ed., Chemical Publishing, N.Y., 1979.