

Activity comparison with ZN catalyst

Y-axis: Activity coeff., kg PE/(g cat, h, bar)

X-axis: Polymer density, g/dm³

Legend:

- 3-methyl-1-butene (filled diamond)
- Hexene (open square)
- Butene (open triangle)
- Blend butene / 3-methyl-1-butene (filled square)

Polymer density (g/dm ³)	Activity (kg PE/(g cat, h, bar))	Catalyst System
925.5	215	Hexene
926.5	235	Hexene
929.5	135	Hexene
929.5	140	Hexene
930.5	150	Hexene
932.5	300	3-methyl-1-butene
933.5	275	3-methyl-1-butene
934.5	225	3-methyl-1-butene
935.5	160	3-methyl-1-butene
940.5	125	3-methyl-1-butene
945.5	115	3-methyl-1-butene
950.5	95	3-methyl-1-butene
932.5	195	Blend butene / 3-methyl-1-butene
933.5	110	Butene
933.5	125	Butene
934.5	105	Butene
934.5	130	Butene
935.5	105	Butene
935.5	65	Hexene

Figure 2

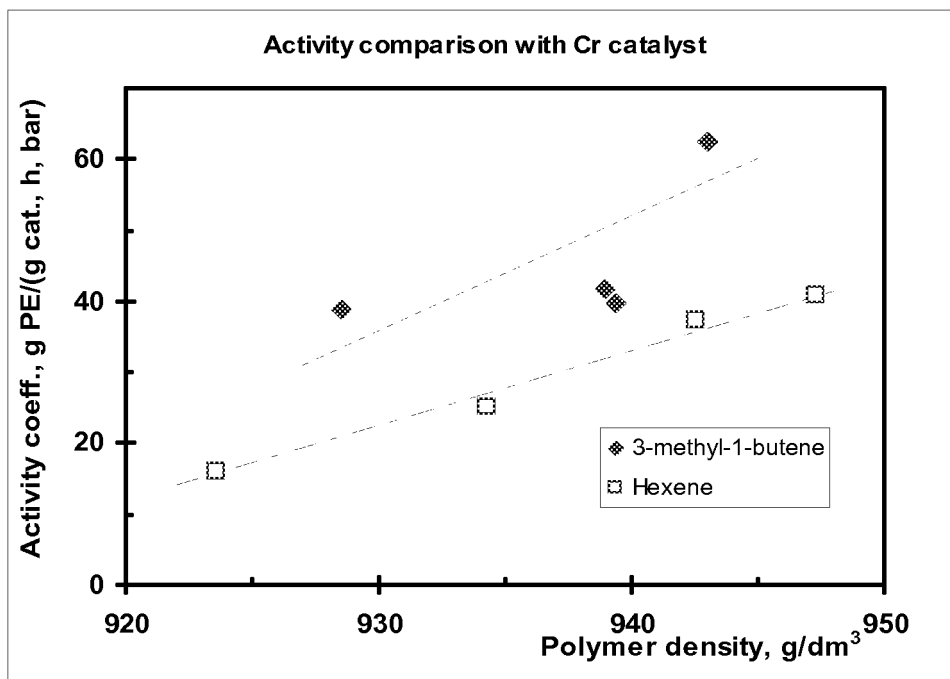


Figure 3

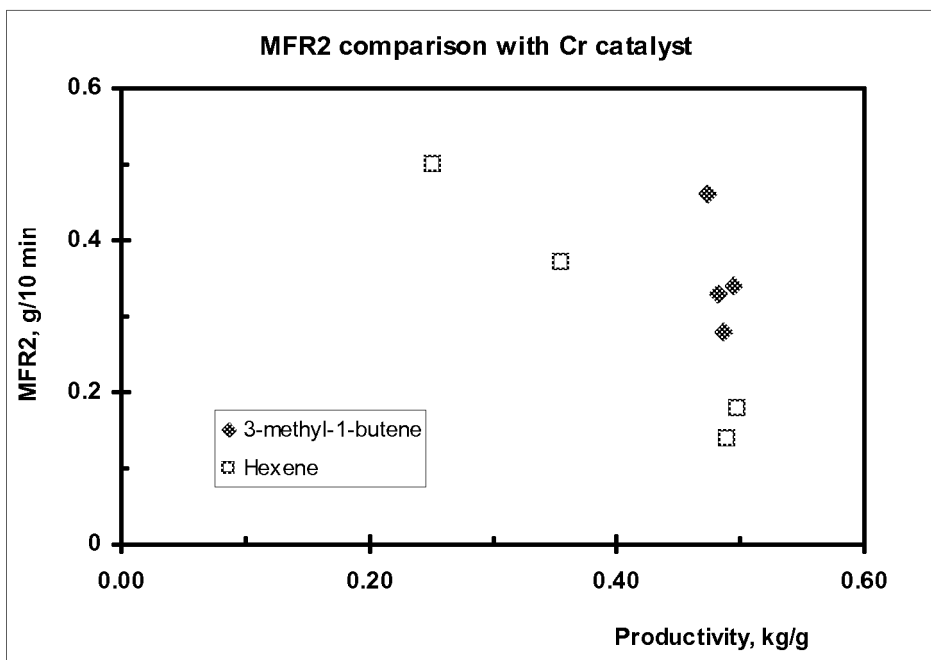


Figure 4

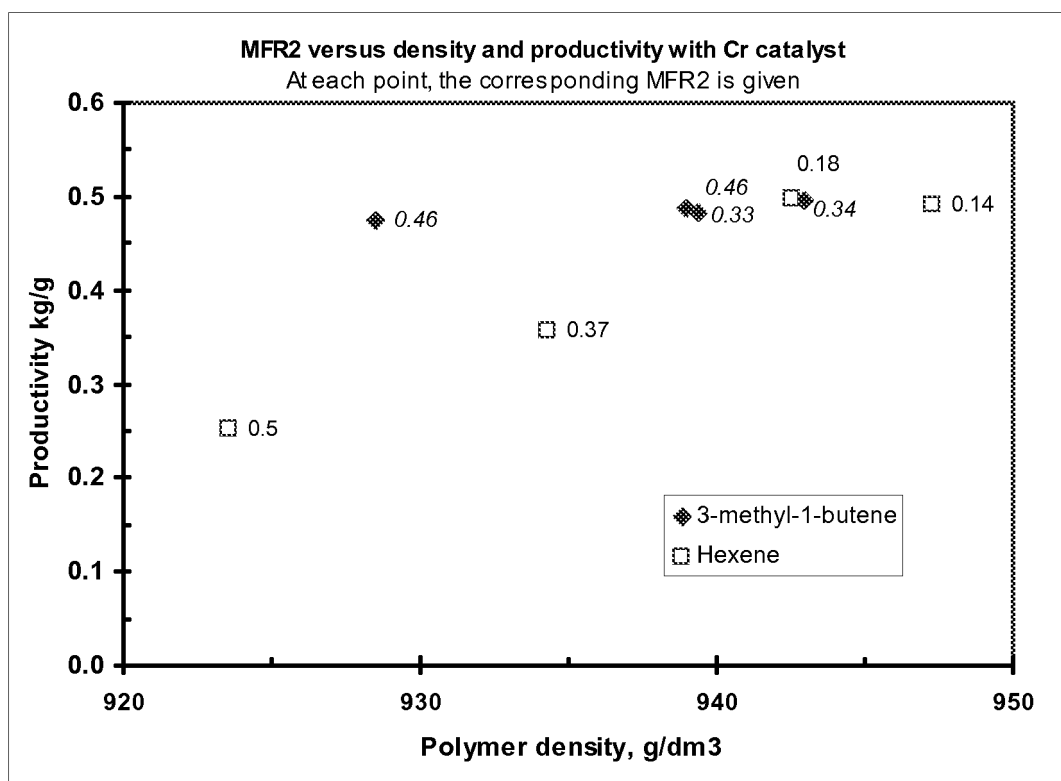


Figure 5

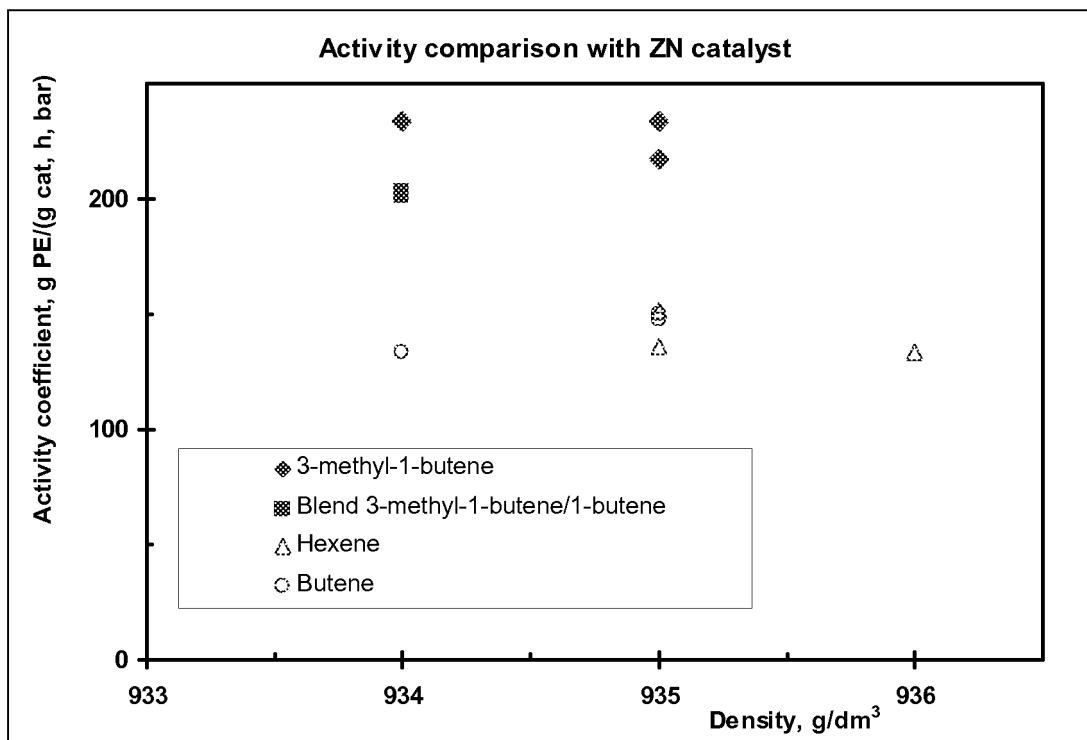


Figure 6