What is claimed is:

1. A film comprising: a polyethylene copolymer formed using a reduced chromium oxide catalyst, ethylene monomers and a co-monomer selected from 1-butene or 1-hexene, the polyethylene copolymer formed with the co-monomer to ethylene monomer gas mole ratio in a range of about 0.012 to about 0.04 to form the polyethylene copolymer having a density in the range of from about 0.9350 to about 0.950 g/cm^3 and an I_{21}/I_5 in a range of about 18.0 to about 30.0, wherein the polyethylene copolymer formed using the reduced chromium oxide catalyst provides an improvement in a dart drop impact (g/µm) of the film of 17 percent to 56 percent as compared to a film of the polyethylene copolymer formed using a silyl chromate catalyst in place of the reduced chromium oxide catalyst.

2. The film of claim 1, wherein the polyethylene copolymer has a melt index (I_5) of about 0.4 to about 1.0 g/10 min.

3. The film of claim 1, wherein the polyethylene copolymer has a flow index (I_{21}) of about 5.0 to about 25.0 g/10 min.

4. The film of claim 1, where the reduced chromium oxide catalyst is reduced with diethylaluminum ethoxide (DEAlE); or wherein the polyethylene copolymer has an I_{21}/I_5 of about 18.0 to about 28.0; or wherein the polyethylene copolymer has a Mw/Mn of about 6.0 to about 50.0; or wherein the polyethylene copolymer has a Mw ≥ about 100,000 g/mol.

5. The film of claim 1, wherein the film has a dart drop impact of about 10.0 to about 20.0 g/µm; or wherein the film has a TD Elmendorf Tear of about 2.4 g/µm to about 15.0 g/µm; or wherein the film has an MD Elmendorf Tear of about 0.6 g/µm to about 5.0 g/µm; or wherein the film has a 2% secant modulus from about 600 MPa to about 1400 MPa.

6. The film of claim 1 having a thickness of 5.0 to 75.0 μm.

7. A method of making a film having improved dart impact, comprising

providing a polyethylene copolymer formed using a reduced chromium oxide catalyst, ethylene monomers and a co-monomer selected from 1-butene or 1-hexene, where the co-monomer to ethylene monomer gas mole ratio is in a range of about 0.012 to about 0.04 to form the polyethylene copolymer having a density in the range of from about 0.935 to about 0.950 g/cm^3 and an I_{21}/I_5 in a range of about 18 to about 30; and

forming the polyethylene into a film; wherein the polyethylene copolymer formed using the reduced chromium oxide catalyst provides an improvement in a dart drop impact (g/μm) of the film of 17 percent to 56 percent as compared to a film of the polyethylene copolymer formed using a silyl chromate catalyst in place of the reduced chromium oxide catalyst.

8. The method of claim 7, wherein the polyethylene copolymer has a melt index (I_5) of about 0.4 to about 1.0 g/10 min.

9. The method of claim 7, wherein the polyethylene copolymer has a flow index (I_{21}) of about 5.0 to about 25.0 g/10 min.

10. The method of claim 8, wherein the polyethylene copolymer has an I_{21}/I_5 of about 18.0 to about 28.0; or wherein the polyethylene copolymer has a Mw ≥ about 100,000 g/mol; or wherein the polyethylene copolymer has a Mw/Mn of about 6.0 to about 50.0; or wherein the film has a dart drop impact of about 10.0 to about 20.0 g/µm; or wherein the film has a TD Elmendorf Tear of about 2.4 g/µm to about 15.0 g/µm; or wherein the film has an MD Elmendorf Tear of about 0.6 g/µm to about 5.0 g/µm; or wherein the film has a 2% secant modulus from about 600 MPa to about 1400 MPa.