

Syntran® Olefin Graft Polymer Technology

Multi-Functional Enhancing Polymer for Hair Care Formulations

Syntran® olefin graft multi-functional polymer enhances hair and skin care formulations. For hair, Syntran PC 5208 improves texture, hair strength, luster, comb-out, and can provide thermal restorative capabilities and protection. In skin care, it may improve film elasticity and provide moisture barrier protection.

Because of the unique combination of acrylic and olefin chains, this polymer provides the formulator another tool to design new ease-of-use products which incorporate key attributes such as gloss, hold, and styling ease.

Benefits of PC 5208 Polymer

- High Level of Texturizing
- Better Hair Strength, Luster, Comb-out
- Thermal Restorative Capabilities
- Excellent "Feel"
- Compatible in Relaxer Systems
- Increased Gloss
- Barrier Properties
- Film Elasticity

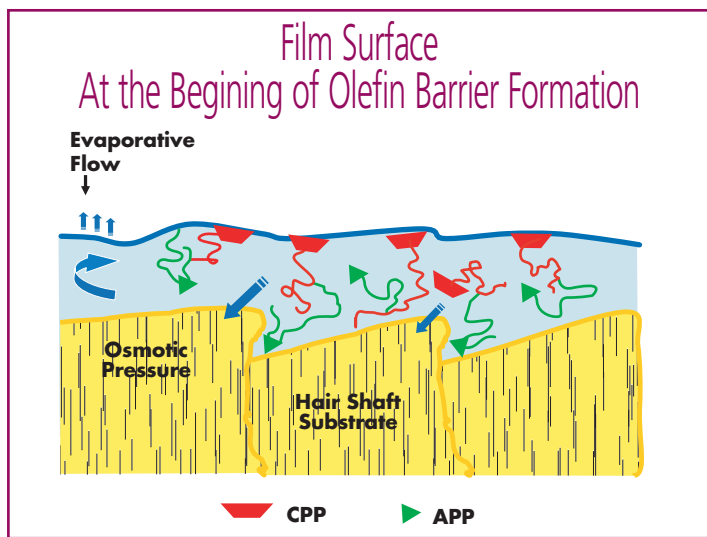
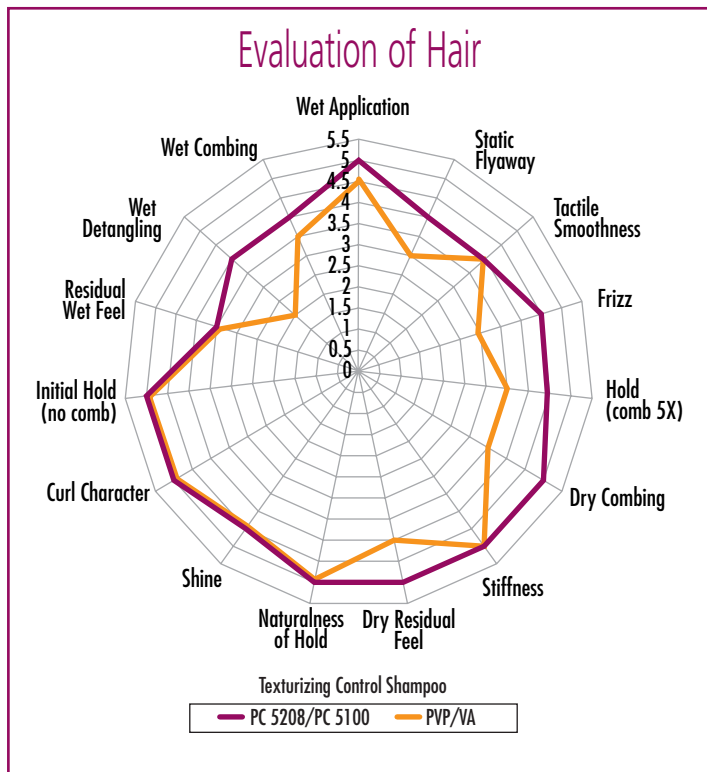
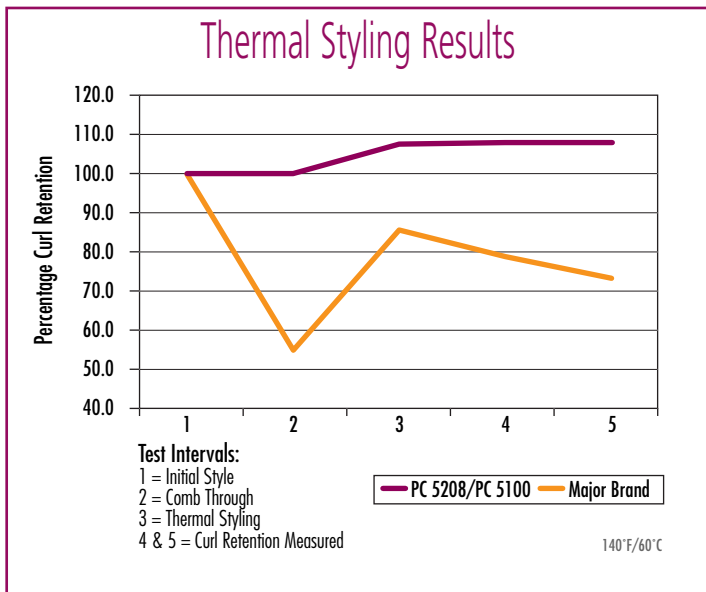
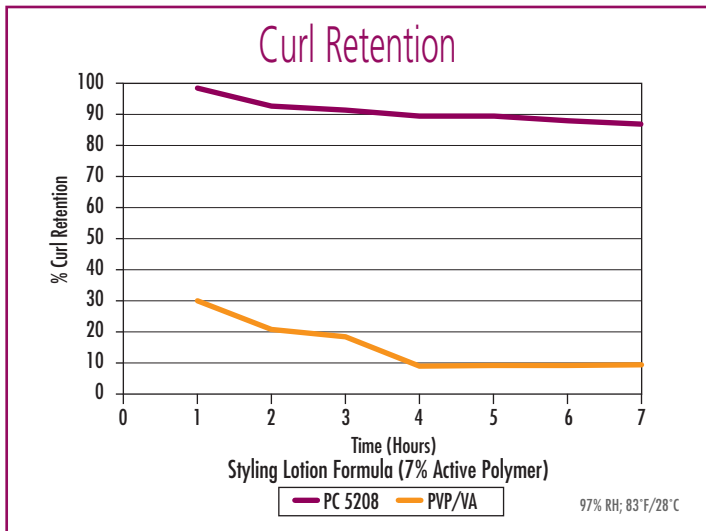
Typical Physical Properties

Property	Syntran® PC 5208
INCI Name	Polyacrylate - 15
Appearance	White Emulsion
% Solids	38.0
pH Value at 22°C	9.2
Viscosity at 22°C, mPa.s	150



Performance Properties – Olefin Graft Multi-Functional Polymer

Hair treated with formulations containing Syntran® PC 5208 exhibited improvements in curl retention, frizz and detangling. Additional benefits included improved hair strength, better comb through, hold and thermal protection.



Interpolymer Corporation
200 Dan Road
Canton, MA 02021
TEL: 800.262.1281
FAX: 781.821.2485
www.interpolymer.com
info@interpolymer.com

Interpolymer Sàrl
6, Rue Marie Curie
F-67162 Wissembourg, France
TEL: [+33] 3/88 54 96 96
FAX: [+33] 3/88 54 96 99
www.interpolymer.fr
info@interpolymer.fr

Interpolymer Corporation
7501 Distribution Drive
Louisville, KY 40258
TEL: 800.451.8177
FAX: 502.933.3394
www.interpolymer.com
info@interpolymer.com

Interpolymer GmbH
Dr.-Wirth-Strasse 9a
67454 Hassloch, Germany
TEL: +49 6324 593106
FAX: +49 6324 593107
www.interpolymer.de
info@interpolymer.de