

Smart™ / Supreme™

mLLDPE / mMDPE / POP

Nexlene™ Portfolio



Solumer™
(POE)



Supreme™
(POP)



Smart™
(mLLDPE)



Smart™
(mMDPE)

CHARACTERISTICS

PERFORMANCE

- Excellent Impact Strength
- Enhanced Toughness
- Superior Transparency
- Low Seal Initiation Temperature

PROCESSIBILITY

- Enhanced Bubble Stability
- Decrement of Load and Pressure
- Increment of Output

HYGIENE

- Low Migration
- Improved Organoleptic Property

PHYSICAL PROPERTIES

Global Top Properties of Smart™ Films



Impact Strength Transparency Bubble Stability

Smart™ Film



Z/N LLDPE Film



Product Spec. MI : 1.0
Density : 0.918
Co-monomer : C8

APPLICATIONS

Smart™ (mLLDPE)

Blown Films



Cast Films



Smart™ (mMDPE)

PE-RT Pipes



Roto-moldings

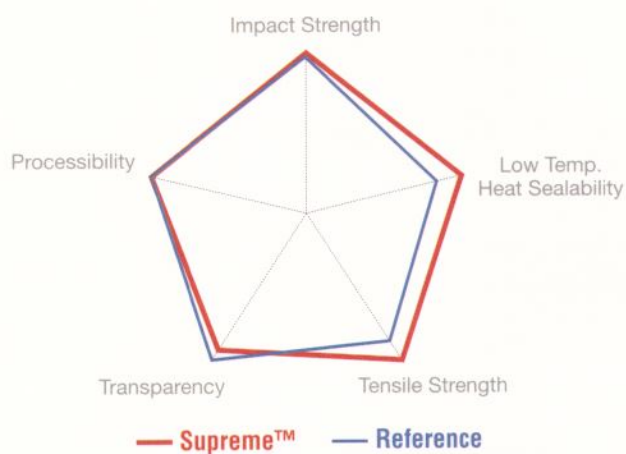


SupremeTM Polyolefin Plastomer (POP)

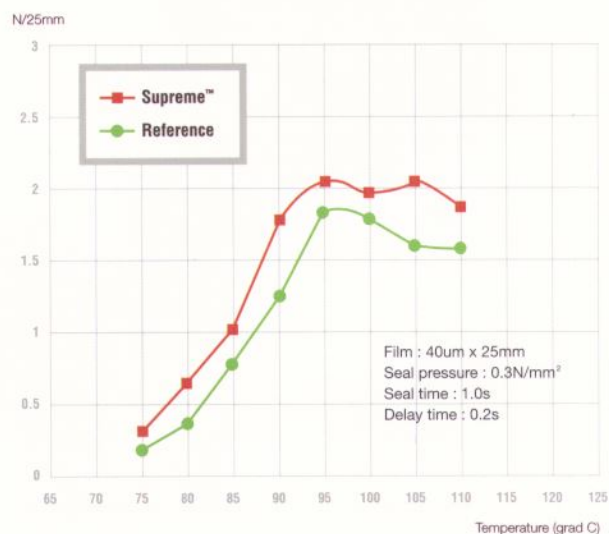
CHARACTERISTICS

- SK's C8 Polyolefin Plastomer, SupremeTM, is designed for various packaging applications.
- SupremeTM provides excellent heat seal strength and low seal initiation temperature.

PHYSICAL PROPERTIES



HOT TACK PROPERTY



APPLICATIONS

Sealing Layer of Multilayer Films



- Inner Sealing Layer
- Adhesive Layer

Cling Layer of Stretch Films



Coatings



Medical Applications



Premium Polyethylene Based on Metallocene Technology

SKGC's PREMIUM POLYETHYLENE

- Full range polyolefin provider of high performance film materials
- Product spec. of each grade can be changed according to the market needs or product optimization.



Premium Polyethylene Based on Metallocene Technology

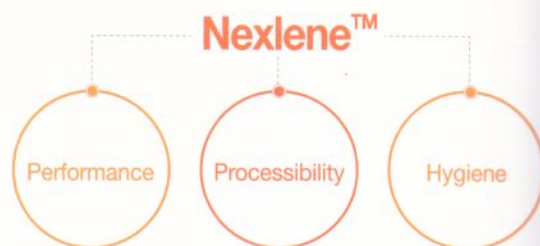
Nexlene™ Technology

Premium polyethylene based on metallocene catalyst
C8 bimodal solution process
Excellent performance through product tailoring technology



Nexlene™ Products

Well balanced characteristics between physical properties,
hygienic properties and processability
Total solution provider of premium polyethylene from
POE to mMDPE



Nexlene™ Product Grades

Product Type	Grade	Density (g/cm ³)	MI (g/10min)	Applications
Supreme™ (POP)	Supreme 021(S)	0.902	1.0	Blown-Packaging Film
	Supreme 024	0.902	3.5	Casting-Stretch Film
	Supreme 0210(A)	0.902	10	Extrusion-Coating
	Supreme 051	0.905	0.8	Blown-Packaging Film, Stretch Hood
	Supreme 081	0.908	1.0	Blown-Packaging Film
	Supreme 081S	0.908	0.8	Blown-Packaging Film
Smart™ (mLLDPE)	Smart 121(S)	0.912	1.0	Blown-Packaging Film
	Smart 124	0.912	3.5	Casting-Stretch Film, Silage Film
	Smart 151(S)	0.915	1.0	Blown-Packaging Film
	Smart 153	0.915	3.0	Casting-Stretch Film, Silage Film
	Smart 154	0.915	3.5	Casting-Stretch Film, Silage Film
	Smart 181(S)	0.918	1.0	Blown-Industrial Film
	Smart 183	0.918	3.0	Casting-Stretch Film, Breathable Film
	Smart 184	0.918	3.5	Casting-Stretch Film, Breathable Film
	Smart 201(S)	0.920	1.0	Blown-Industrial Film
Smart™ (mMDPE)	Smart 231(B)	0.923	1.0	Blown-Heavy Duty Film
	Smart 271(B)	0.927	1.0	Blown-Heavy Duty Film
	Smart 274	0.927	3.5	Casting-Breathable Film
	Smart 3505	0.935	0.5	Blown-Industrial Film, Shrinkage Film
	Smart 385	0.938	5.0	Roto Molding
	NX800	0.934	0.64	PE-RT
Solumer™ (POE)	Solumer 851	0.857	1.0	Compound-Ultra High Impact Strength
	Solumer 8605	0.863	0.5	Compound
	Solumer 861	0.863	1.0	Compound
	Solumer 865	0.863	5.0	Compound
	Solumer 8613	0.863	13	Compound-High flow
	Solumer 8705	0.868	0.5	Compound, Footwear
	Solumer 871	0.868	1.0	Compound, Wire&Cable
	Solumer 873	0.868	3.0	Compound
	Solumer 875	0.868	5.0	Compound, Footwear
	Solumer 8730	0.868	30	Compound-High flow
	Solumer 881	0.880	1.0	Compound, Wire&Cable
	Solumer 883	0.880	3.0	Compound, Wire&Cable
	Solumer 891	0.885	1.0	Compound, Wire&Cable, Footwear



GLOBAL NETWORK

Seoul Headquarter

26 Jong-ro, Jongno-gu, Seoul, Korea

PE (mLLDPE/POP) Marketing Team

Tel 82-2-2121-7063

Fax 82-2-2121-3765

PP (POE) Marketing Team

Tel 82-2-2121-5876

Fax 82-2-2121-3765

Performance Rubber Marketing Team

Tel 82-2-2121-6876

Fax 82-2-2121-3765

Chemicals R&D Center

Tel 82-42-609-8626

325 Expo-ro, Yuseong-gu, Daejeon, Korea

SKGC Tokyo Branch

Tel 81-3-3591-0343

NBF Hibiya Bldg, 8F 1-1-7, Uchisaiwai-cho,
Chiyoda-ku, Tokyo 100-0011, Japan

SKGC Singapore Branch

Tel 65-6671-1566

23 Church street, #10-05/06 Capital Square, Singapore 049481

SKGC Houston Branch

Tel 1-713-395-1778

1300 Post Oak BD., Ste #425, Houston, Texas, USA 77056

SKGC Dubai Branch

Tel 971-4-252-5277

#1003, Al Nouf Tower, P.O.Box 126494, Dubai, UAE

SKGC Frankfurt Branch

Tel 49-6967738103

Lyonerstrasse 36, 60528 Frankfurt am Main, Germany

SKGC International Trading (Shanghai) Co., Ltd.

Tel 86-21-6197-0242

15F Gubei International Fortune CenterII No.1438, Hongqiao Road
Shanghai, China 200336

SKGC International Trading (Guangzhou) Co., Ltd.

Tel 86-13826103319

Room 2504, HNA Building, No.8 Linhezong Road, Tianhe District,
Guangzhou, China 510610

SKGC Wuhan Office

Tel 86-13982017272

Room 709-712, NO.198 Yuncai Road, Office Building, Oceanwide
City Square, JiangHan District, Wuhan, China

SKGC Beijing Office

Tel 86-10-5920-5660

35th Floor, SK Tower, No.6 Jia Jian Guomenwai
Avenue, Chao Yang District, Beijing, China 100022

SKGC Dalian Office

Tel 86-411-8369-330 (ext.109)

14F Senmao building, No.147, Zhongshan Road, Xigang
District, Dalian, China 116001

SKGC Qingdao Office

Tel 86-532-8387-4333

Room 1902 Huayin BLDG, #5 Donghai West Road, Qingdao, China
266071

SKGC Chengdu Office

Tel 86-13982017272

Room 1706, South Tower of Poly Center, No.7 Lingshiguan Road,
Chengdu, China

SKGC Xiamen Office

Tel 86-592-516-0453

Room 538, Caizhi Square, #628 Xiahe Road, Siming District,
Xiamen, China 361004