

ULtra | POLYmers |

a spirit of partnership

Styrolux SBS



Styrolux® thermoplastic copolymers are a range of thermoplastic styrene-butadiene copolymers (SBC). One of the outstanding characteristics of Styrolux® thermoplastic copolymers is their combination of high transparency, brilliance and impact resistance.

The good miscibility of Styrolux® and polystyrene allows adjustment to the desired toughness, while at the same time reducing material costs. Styrolux® can be extruded, thermoformed and injection molded into a variety of high-quality products.

Applications:

- Packaging (cups, glasses, blistering)
- Flexible packaging
- Toys
- Houseware applications

Excellent properties:

- Excellent transparency
- High toughness
- Permeable to steam and other gases
- Fulfils EU and FDA approval for food contact
- Low density (1,01-1,02g/cm³)
- Blend partner for GPPS to improve impact properties

To find more about Ultrapolymers:



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	Tensile Modulus (Mpa)	Elongation at break (%)	MVR (cm ³ /10 min)	Properties and applications
Styrolux®				
3G55	900	>300	14	Sheet extrusion with best efficiency in blends with GPPS for thermoforming and compounding
3G46	1550	180	12	Shrink and label films with high transparency and gloss, low gel level, good printability
HS70	1600	20	12	clear styrene-butadiene copolymer (SBC) developed specifically for shrink sleeve label applications
656C	1800	20	16	Injection molding of clear parts requiring high stiffness and decent impact
684D	1500	160	11	Universal grade for extrusion and injection moldings requiring good printability
693D	1350	260	12	Sheet extrusion in blends with GPPS for thermoforming, blown film and chill roll extrusion

To find your local contact, please visit:
www.ultrapolymers.com

