

ULtra | POLYmers |

a spirit of partnership

ENSOFT-S SEBS



Ensoft-S® is the brand name for compounds based on saturated styrenic block copolymer SEBS (styrene-ethylene-butylene-styrene) and polyolefins mainly Polypropylene (PP). The compounds have excellent rubberlike elasticity and weathering resistance. Ensoft-S® range can easily be self-colored with the use of proper Masterbatch or provided as pre-colored compounds.

Applications:

- Automotive bellows, boots and grommets, air ducts and overmolded duct seals, lens gaskets, fender guards, sun visors, soft touch interior components.
- Appliance/houseware overmolded grips for power tools, refrigerator seals, gaskets, anti-vibration parts, drainage/discharge hoses and fittings.
- Construction co-extruded windows sealing profile, castor wheels, hoses .
- Electrical molded-in seals for electrical components, wire and cable insulation and termination boots, connectors and housings.
- Sport & leisure diving fins, diving mask, bike handles, watch straps, grips .
- Miscellaneous toothbrushes, gaskets, overmolded soft touch grips for tools, shower mats, wine corks, baby teethers and nipples.

What Ensoft-S has to offer:

- Hardness range from 5 Shore A to 60 Shore D
- Service temperature: -50°C - +110°C (dynamic) -50- + 130°C (Static/Peak)
- Excellent ozone, UV and weather resistance due to saturated elastomeric phase
- Chemical resistance to many aggressive mediums
- Low compression set and good elasticity in a wide temperature range
- Adhesion to a broad range of polar and non-polar substrates such as PP, PA, ABS, PC, PS...
- Broad product range including soft touch, expandable, high temperature resistant, low compression set, Halogen Free FR and many other specialty grades.
- Ease of processing (no predrying is required) and recyclability

To find more about Ultrapolymers:



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Grade	Improved UV resistance	High melt flow	Low fogging grades	Injection molding	Extrusion	Blow molding	General purpose	High Performance	Additional Properties
S...140	●			●	●		●		Medium filled SEBS grades
S...160	●			●	●		●		Highly filled SEBS grades
S...200	●			●	●	●			Bondable to ABS, PC, PA, SAN
S...300	●	●	●	●	●	●		●	Unfilled SEBS grades, translucent
S...320	●			●	●	●		●	High performance SEBS grades
S...400		●		●	●				Transparent grades
S...500	●			●	●				Flame retardant
S...600	●	●	●	●	●	●	●	●	Specialty
S...720	●			●				●	Improved temperature resistance
S...800		●		●					Foaming grades, high performance
S...900		●		●	●	●		●	FDA and BfR compliant

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

