

Calprene®

Solprene®

Dynamic solutions

Hydrogenated rubber **SEBS**

Thermoplastic rubber **SBS**

Diblock copolymers **SBdb**

Dynasol manufactures and sells
styrene and butadiene
elastomeric copolymers.

Dynasol offers the best solutions
and the highest quality products.

Dynasol enhances performance
in asphalt & bitumen modification,
thermoplastic compounding, adhesives & sealants,
plastic modification and rubber industrial goods.

 **Dynasol**

Hydrogenated rubber SEBS

Type	Structure	Styrene %	Brookfield viscosity cPs	Ozone resistance	Main applications
CH-6110	Linear	30	470 ⁽¹⁾	Excellent	Adhesives & Plastic modification
CH-6120	Linear	32	1900 ⁽¹⁾	Excellent	Adhesives & Compounding & Sealants
CH-6140	Linear	31	430 ⁽²⁾	Excellent	Compounding
CH-6170	Linear	33	2000 ⁽²⁾	Excellent	Compounding
CH-6215	Linear	13	1600 ⁽¹⁾	Excellent	Plastic modification & Adhesives

(¹) 20% solid content in toluene. (²) 10% solid content in toluene

Thermoplastic rubber SBS Dry

Type	Structure	Styrene %	Brookfield viscosity cPs	TSV viscosity cSt	Main applications
C-401	Radial	20	9,7	18	Paving & Roofing & Plastic modification
C-405	Radial	33		13,5	Compounding
C-411	Radial	30	18,5	26	Paving & Roofing & Compounding
S-411	Radial	30	20	28	Paving & Roofing & Compounding
C-412	Radial	31,5	23,1	28	Paving & Roofing
S-416	Radial	30	2,2	9,5	Adhesives & Plastic modification
C-419	Radial	30	11,1	20	Paving & Roofing
S-4318	Linear	32	0,7		Roofing & Plastic modification & Adhesives
C-500	Linear	30	1,1		Compounding & Plastic mod. & Adhesives
C-501	Linear	31	5	13	Paving & Roofing & Compounding
C-540	Linear	40	1,1		Compounding & Adhesives & Plastic mod.
C-710	Linear	30	1,7		Compounding (BHT/TNPP free)

Thermoplastic rubber SBS Oil extended

Type	Styrene %	Oil content phr	Melt flow index g/10 min	Hardness °Shore A	Main applications
C-485	33	45	9	48	Compounding
C-484	44	46	7,5	73	Compounding
C-487	55	40	14	88	Compounding

Styrene-Butadiene rubber SBR Diblock copolymers SBdb

Type	Styrene %	Polystyrene %	Mooney viscosity ML1+4, 100°C	Styrene sol. viscosity cPs	Main applications
S-1110	15	10			Paving & Footwear & Carpet underlay
S-1205	25	17,5	47		Paving & Footwear & Carpet underlay
S-1322	30	22		25	Plastic modification
S-1430	40	30		42	Plastic modification

Polybutadiene rubber BR

Type	Mooney viscosity ML1+4, 100°C	Volatile matter % (max)	Styrene sol. viscosity cPs	Ash content % (max)	Main applications
S-200	49	0,75		0,2	Tyres & Industrial goods
S-200P	47	0,75	144	0,2	Plastic modification
S-233P	34	0,6	90	0,06	Plastic modification

Packaging

BR & SBR are available in bales of 30 kg aprox.

SBS & SEBS are available in powder, crumbs and porous pellets.