

## ENPRENE SBS THERMOPLASTIC ELASTOMERS

### EN-PRENE 611 SPECIFICATION

Customer :

 Date : 2015.3.20

ANALYSIS ITEM	UNIT	TOLERANCE	TEST METHOD
<b>Styrene Content (mass)</b>	%	30 ± 1	ECCA117
<b>Viscosity (5wt% toluene)</b>	cps	23 ± 3	ECCA116
<b>Oil Content</b>	PHR	-	ASTM D1416
<b>Melt Index</b>	g/10min	-	ASTM D1238
<b>Tensile Strength</b>	kgw/cm <sup>2</sup>	200 ± 50	ASTM D412
<b>Elongation</b>	%	700 ± 100	ASTM D412
<b>Modulus 300%</b>	kgw/cm <sup>2</sup>	30 ± 10	ASTM D412
<b>Abrasion</b>	mm <sup>3</sup>	-	DIN 53516
<b>Tear Strength</b>	kgw/cm	45 ± 10	ASTM D624
<b>Hardness</b>	Shore-A	83 ± 2	ASTM D2240
<b>Density</b>	g/cm <sup>3</sup>	0.93 ± 0.01	ASTM D792
<b>Density of Partical</b>	g/cm <sup>3</sup>	0.82 ± 0.02	ASTM D792
<b>Volatile Content (mass)</b>	%	0.5 Max	ASTM D1416
<b>Ash Content (mass)</b>	%	0.2 Max	ASTM D1416
<b>Color</b>	-	White	-

 specimen obtained via **Thermoforming method.**