

ENPRENE SBS THERMOPLASTIC ELASTOMERS

EN-PRENE 701 SPECIFICATION

Customer :

 Date : 2015.3.20

| ANALYSIS ITEM | UNIT | TOLERANCE | TEST METHOD |
|---------------------------------|---------------------|-------------|-------------|
| Styrene Content (mass) | % | 33 ± 1 | ECCA117 |
| Viscosity (5wt% toluene) | cps | 15 ± 3 | ECCA116 |
| Oil Content | PHR | - | ASTM D1416 |
| Melt Index | g/10min | - | ASTM D1238 |
| Tensile Strength | kgw/cm ² | 220 ± 50 | ASTM D412 |
| Elongation | % | 600 ± 100 | ASTM D412 |
| Modulus 300% | kgw/cm ² | 35 ± 10 | ASTM D412 |
| Abrasion | mm ³ | - | DIN 53516 |
| Tear Strength | kgw/cm | 55 ± 10 | ASTM D624 |
| Hardness | Shore-A | 80 ± 2 | ASTM D2240 |
| Density | g/cm ³ | 0.93 ± 0.01 | ASTM D792 |
| Density of Partical | g/cm ³ | 0.78 ± 0.02 | ASTM D792 |
| Volatile Content (mass) | % | 0.5 Max | ASTM D1416 |
| Ash Content (mass) | % | 0.2 Max | ASTM D1416 |
| Color | - | White | - |

 specimen obtained via **Thermoforming method**