



TECHNOVINYL POLYMERS(I)LTD.



**TECHNICAL DATA SHEET**

**K-Prene XL**  
(PP / EPDM Thermoplastic Vulcanisates)

**Typical Property Chart**

| Grade No.     | Hardness<br>Shore A | Specific<br>Gravity | Modulus |      | Tensile<br>Strength<br>MPa | Elongation<br>at Break<br>% | Tear<br>Strength<br>N/mm | Tension<br>set %<br>10min. 23°C | Compression Set % |                | Brittle<br>temp.<br>°C | Ozone<br>resist.<br>70 Hrs. |
|---------------|---------------------|---------------------|---------|------|----------------------------|-----------------------------|--------------------------|---------------------------------|-------------------|----------------|------------------------|-----------------------------|
|               |                     |                     | 100%    | 300% |                            |                             |                          |                                 | 22Hrs<br>70 °C    | 22Hrs<br>100°C |                        |                             |
| <b>XL-A40</b> | 40                  | 0.99                | 1       | 1.5  | 3.2                        | 600                         | 15                       | 10                              | 35                | 45             | < -60 °C               | Pass                        |
| <b>XL-A50</b> | 50                  | 0.99                | 1.5     | 2    | 4.3                        | 600                         | 20                       | 12                              | 35                | 45             | < -60 °C               | Pass                        |
| <b>XL-A60</b> | 60                  | 0.97                | 1.5     | 3    | 5.5                        | 550                         | 20                       | 13                              | 40                | 50             | < -60 °C               | Pass                        |
| <b>XL-A70</b> | 70                  | 0.97                | 2.5     | 4    | 6.5                        | 500                         | 25                       | 15                              | 40                | 48             | < -60 °C               | Pass                        |
| <b>XL-A80</b> | 80                  | 0.97                | 3.3     | 5    | 8                          | 500                         | 40                       | 20                              | 45                | 55             | < -60 °C               | Pass                        |
| Colour        | Natural             |                     |         |      |                            |                             |                          |                                 |                   |                |                        |                             |