



TECHNOVINYL POLYMERS(I)LTD.



**TECHNICAL DATA SHEET**

**Product Code No. 3070**  
**K-FLEX THERMOPLASTIC ELASTOMERS**  
**For Welding Cable Jacketing**

Original Physical Properties	Value	Unit
Specific Gravity	1.22	
Shore Hardness	67 (± 5)	Shore A
Tensile Strength	8 min.	MPa
Elongation at Break	> 400	%
<b>Compression Set</b>		
At Room Temp.	48	%
At 70°C	59	%
At 100°C	72	%
<b>Heat Ageing : 7 days at 100°C</b>		
Retained Tensile Strength	90	%
Retained Elongation	80	%
<b>Oil Ageing : 7 days at 100°C</b>		
Retained Tensile Strength	65	%
Retained Elongation	60	%

**Characteristics:**

- PVC/NBR Elastomer ionic cross linked
- Oil Resistance
- Heat Resistance
- Abrasion Resistance
- Matt Finish
- Acid, Alkali and chemical resistance
- Service temp. -20 deg C to +100 deg C

**Processing Temperature:**

140°C to 170°C



TECHNOVINYL POLYMERS(I)LTD.



**TECHNICAL DATA SHEET**

**Product Code No. XL 70  
K-PRENE PP/EPDM  
For Welding Cable Jacketing**

<b>Original Physical Properties</b>	<b>Value</b>	<b>Unit</b>
Specific Gravity	0.94	
Hardness	67 (± 5)	Shore A
Tensile Strength	5 min.	MPa
Elongation at Break	> 500	%
<b>Compression Set</b>		
At Room Temp.	29	%
At 70°C	43	%
At 100°C	48	%
<b>Heat Ageing : 7 days at 125°C</b>		
Retained Tensile Strength	90	%
Retained Elongation	90	%
<b>Oil Ageing : 7 days at 100°C</b>		
Retained Tensile Strength	40	%
Retained Elongation	40	%

**Characteristics:**

- PP/EPDM Elastomer dynamic vulcanized
- Medium Oil Resistance
- Abrasion Resistance
- Matt Finish
- Heat Resistance
- Service Temp. -50 deg C to +125 deg C

**Processing Temperature:**

160°C to 190°C