



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	%
Compression Set		
At Room Temp.	48	%
At 70°C	59	%
At 100°C	72	%
Heat Ageing : 7 days at 100°C		
Retained Tensile Strength	90	%
Retained Elongation	80	%
Oil Ageing : 7 days at 100°C		
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**

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